



WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 - SOMERSVILLE, CT 06072

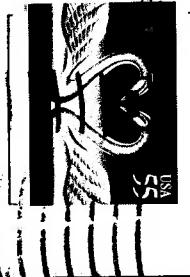


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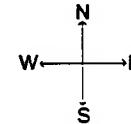
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BILL NOLLMAN
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VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

AUGUST 1998

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MILES



York-Harrisburg-Lancaster-Lebanon Market



WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

E-SKIP SYNOPSIS: Depending on who you ask, this E-skip season has been anything between fantastic and a flop. They don't call it sporadic for nothing, and true to its' name, this year's event has been exactly that...sporadic. While there have been a few openings that made it into FM, the general feeling is that the season is pretty 'ho-hum'. The main oddities seem to be some unusually short hops and paths to seldom seen areas. Editors Greg Coniglio, John Zondlo, Victor Frank and Russell Miller have details in their columns. On that subject, here's a reminder to submit your reception reports to them in a timely manner. There are almost 300 VUD readers who would like to know what YOU logged.

THANKS TO DAVE AND GREG! As you read this the 1998 WTFDA Convention in Western New York State has just concluded. Deadlines don't permit inclusion of stats, but we knew in advance that a great weekend was planned, and anticipated a good turnout. Be on the lookout for a full report from co-hosts Dave Nieman and Greg Coniglio. If you missed our gathering you still have time to attend one or both of the AM club conventions. This is the last notice we will publish for these events:

IRCA - The International Radio Club of America gets together August 14-16 in Missoula, MT. For information contact Larry Godwin, 2390 Clydes Dale Lane, Missoula, MT 59804. Larry's e-mail address is <lbg@selway.utm.edu>.

NRC - The National Radio Club convenes Labor Day weekend in San Antonio. For information, contact John Bowker, 1811 Ft. Dusquena Drive, Sun City Center, FL 33573 or e-mail <wa2wen@juno.com>.

MEXICAN MEMOS: "TV TIME TUNNEL" this month is devoted to Mexican TV history, and since there's a bit of extra space here we'll include a couple of notes of interest gleaned from the internet DX Chat files...items passed along by WTFDA's tropo superdixer Fernando Garcia.

CATS AND DOGS: Fernando's dog is named '*tenna*' (as in antenna)...and his cat's name is '*tropo*'! Here's a guy who really takes the hobby seriously. We wondered if he had children but didn't ask. The possibilities are endless but his son's name could be 'Skip' and a daughter might possibly be 'Rotoria' (as in rotator). If they were twins that would probably indicate a 'double-hop'!

UFO: Fernando also told how his neighbors became fearful of a glimmering object in the sky...*UNTIL*...they discovered it was his screened parabolic UHF antenna! We suspect too much antenna oil (tequila/cerveza) was flowing at the next door neighbor's party!

HASTA LUEGO AMIGOS, Y BUENO DXING!

WTFDA MAILBOX

Worldwide TV-FM DX Association
P.O. Box 501, Somersville, CT 06072

Mike Bugaj

lkon@Netcom.com

REJOINS

Robert Grant, Detroit MI
Mark Humenyk, Weston, ON Canada
David Bush, Sebring, OH

Gads! These mail sacks are heavy! Renewals: Alfred Laun, Peter George, Joe Perge, John Johnson, Jeff Kruszka, Tim Cronin, Dave Bright, John Marx, Mike Lapinski, William McGuire, Michael Hawk, James Wallace, Robert Ross, Michael Lazaro, David Austin, Stephen Ponder, Al Tobia, Leslie Green, Edward Ritchie, Stan Weisbeck, William Eckberg, Jeff Wolf, Chris Hanley, Glenn Lavender. I would like to thank Matt Sittel for continuing to send me mail that was sent to the Asheville address, and also for forwarding member email to me from people who were not receiving their VUDs.

Let's talk about some of the letters I've received recently. One member was a little upset that he was sending in items to various editors and finding that they were never printed. He was even more upset that he was never informed by the various editors why the items never made it into print. As far as the Mailbox is concerned, as people are already finding out, if you send something to me and if your are a WTFDAer with email, you will receive an acknowledgement telling you that I do or do not intend to use your submissions and why. And probably I will tell you in what month I intend to use it.

In another letter, a WTFDAer wondered why we don't list the publishers address and phone number in order to resolve problems. The member also wondered why the club doesn't have its own answering machine one could call to talk over and resolve problems. There was also a request for a membership list. As far as the list goes, it's club policy not to give out complete address lists. I don't think anyone wants their complete addresses given out. I sure don't. But if you have lost a friend's address, or lost contact with another member I can help you. Regarding the answering machine, well, it would be great if we had a club office, but you won't find one. All the incoming mail and email comes to me here, where I use it or forward it to the correct person. You will find that I am pretty good at answering snail mail, and even better at replying to email. I don't think the club would fork over the money for a fax machine and a phone line. And regarding the publishers address and phone number, I think the fact that his email address is common knowledge should be enough.

Some of you who have received email from me know that I am actively soliciting comments, suggestions, gripes and complaints from any and everybody. If you wanted someone to complain to, you've found him. Some of you have been too kind. But one thread that seems to be running through your mail is the fact that you want no disruption in your VUD service around the period of your renewal date. We will try as much as humanly possible keep things flowing smoothly. However, if your check gets here late, or if you send your renewal to Ashville, all bets are off.

One member wished we had more technical articles, especially about signal propagation. However, he correctly added that you can't run articles you don't get from somebody. That is so true. If you noticed in the July VUD there was no QSL Corner. For there to be a QSL Corner, someone has to submit verie signers. And unfortunately, one of our veteran verie contributors is no longer with us.

Folks, I need your input regarding the WTFDA/ANARC situation. We need your mail and email comments. If you have something to say, say it now while there is time.

BANDSCANS ANYONE?

Dennis Smith of Santa Barbara, CA checks in with a few words about bands cans. Now I've been in the club a long long time, and every once in a while the subject comes up and opens up a can of worms. Well, lets open up another can right now, shall we?

Dennis writes: Would there be any interest and space in the VUD for a "bands can-reporting" column? There have been such reports in the DX columns (though some editors publish them and some do not), as well as selected bands cans in the TV and FM News sections. However, it may be that the usual DX reporting columns are not the place for that, as it is not actual DX, whether a general bands can from a temporary location, a scan of all locals with programming or networks, a travelling scan, etc. At the same time, more DXers are doing more travelling than ever before, with more portable and mobile equipment, to let us know what is out there to receive as potential DX by way of these scans, so there would seem to be the helpful interest in this type of reporting.

Let me put my 2 cents in here. Lets assume we decided to run bands cans. I agree with Dennis, a separate column for the scans (let's call it American Bands can...with your host Dick Clark) would be the best way to showcase them. But you need a bands can editor, and you need bands can submitters, and I just wonder how much interest there is out there to support such a column. And some people absolutely hate bands cans. So, lets throw this question out to the membership.

TROPO 101

For those of you who don't know, the WFTDA has its own resident meteorologist in William Hepburn. For the past year, as an experiment, Will has been giving daily tropo forecasts on the internet. Recently Bill has had to curtail his forecasting due to heavy workload, but his forecasts remain one of the most popular attractions on the net. Here is his explanation of tropo formation. Caution: do not quit here and flip the page over to Southern FM or Western TV! There could possibly be a pop quiz on these pages next month. You never know what I'll do.

Basically, the atmosphere can have two conditions..unstable or stable. The atmosphere is unstable when warmer air is near the ground and colder air is aloft. (warm-cold in relative terms of course regardless of season). The warm air tends to rise because it is lighter (sparser) than the heavier (denser) cold air. These are the typical situations where you will see puffy cumuliform clouds that show the turbulent nature of the atmosphere. The air is usually more unstable in low pressure systems.

The atmosphere is stable when cooler air is near the ground and warmer air is aloft. Here, the cold air will tend to stay put as it is heavier and will not rise into the warm air. If fact, it can become so stable that a sharp boundary will form between the two temperature layers (often called an in-version). like oil and water. Again, temps are relative, so 75 degree air with 85 degree aloft is stable. So are 40 degree temps with 50 degrees aloft.

In this situation, the clouds are usually flat (stratiform) and often form just under the inversions where moisture sometimes becomes trapped. If this situation lasts for any length of time, any suspended particles build up and collect, creating haze and pollution and trapped VHF and UHF signals. They can refract off the inversion back to the ground at a distant location. So, over landmasses, haze and pollution come hand in hand with tropo.

Thanks for checking out the Mailbox, and I'll see you next month. And don't forget to write! -Mike

EUROPEAN DX SCENE-TV & FM

This is a sample of TV and FM DX taken from the logs of Bo Kristian Lindqvist's FMTVDX Web email list, which is a new email list that began in March of 1998. All times have been converted from UTC to EST. Take a look at what TV and FM dxers on the other side of the pond are logging:

- May 1998
- 1 Es 0635 Southern Finland to Ukraine-R1, TV, first Es of the season? BKL
1030 Holland to Lisbon, muf 98mhz R Brand
- 4 Es 1200 Finland to Norway, E2, E3 and FM BKL
- 5 Es 0440 Southeast Finland to Ukraine HPI
0550 Central Germany to Moscow R1, R2 and OIRT R.Nostalgie-70.25 Jurgen
0530 Finland to Balkans, Belgrade, Croatia (89.4, 89.5) Kujala
0600 Netherlands to Russia 70.10 van Arnhem
- 6 Es 0405 Finland to Italy, TV to E4, FM to 92mhz BKL
0445 Denmark to Russia and Eastward R1, 67-68mhz Neilsen
1135 Netherlands-Spain E3, 60.75 mhz van Arnhem
- 8 Tr 0115 Seville Spain to central Portugal, Lisbon area Jorge
- 17 Tr 1230 Denmark to UK, TV only Neilsen
Es 1300 Finland to Italy, muf 100mhz BKL
- 18 Es 0700 Sweden to UK
0800 Finland to Hungary/Switzerland/Germany/Czech strong TV Es BKL
- 20 Es 1120 Belgium to Italy, up to 98.8 mhz Wijnants
- 21 Es 1300 Tunisia to Kenya. The dixer, on vacation in Djerba, in southern Tunisia, watches KBC ch2 Kisumi Kenya every day for a week.
Signal consists of strong video w/much shadowing...like F2 or TEP.
Audio is perfect. Our dixer is using a dipole on a balcony of the hotel,
with the view to the northeast. He's not sure if this is Es, F2 or TEP.
R Brand/Neth.
- 22 R Brand reports this is a terrible start to the Es season
23 Dixer in Southern Sweden still looking for his first Es.
- May 16-23 DXer vacationing at Lake Balaton in Hungary has Es for five days.
17th Es from Turkey 89.0
18th Es from Greece
20th Es from Lebanon, Jordan, Cyprus, Turkey and Israel.
Lebanon-> 88.6, 89.6, 88.0
Jordan-> 90.0, 96.3, 99.0
Israel-> 95.5 and 100.2, Cairo up to 108.0
21st Es from Egypt and Lybia on 89.3, 91.9, 93.4, 96.6, 98.0
23rd Es from Spain 88.6

For those of you who would like to read more of this list on the web, go to Bo Kristian Lindqvist's web site at www.sci.fi and click on email list. BKL has the past three months worth of email list postings for you to read. Please write or email me if you would like to see this European list featured again in the VUD. -Mike Bugaj

PHOTO-NEWS

Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

August 1998

This month we feature new photos from Fernando Garcia, Guadalupe, NL, Mexico. Outstanding tropo, Fernando! He promises more from the historic May Gulf opening that lasted practically all month long. First, here are some photos from my visit with him in April:

Me (left) and Fernando in front of his casa:



Fernando's shack interior and TV, located just below the tower (DX, as usual, is in!):



Photo News

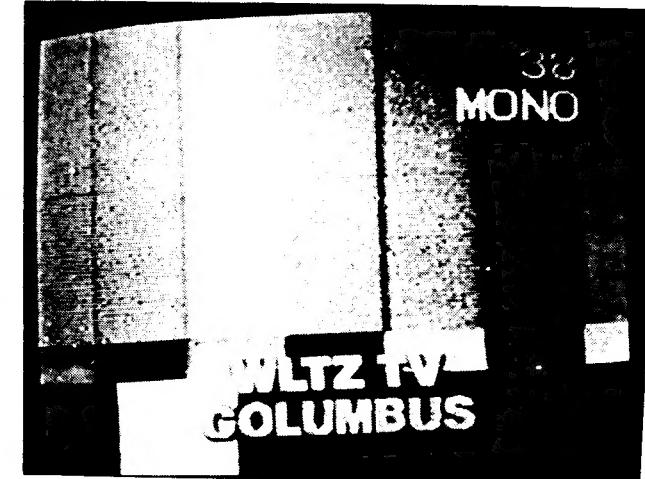
August 1998

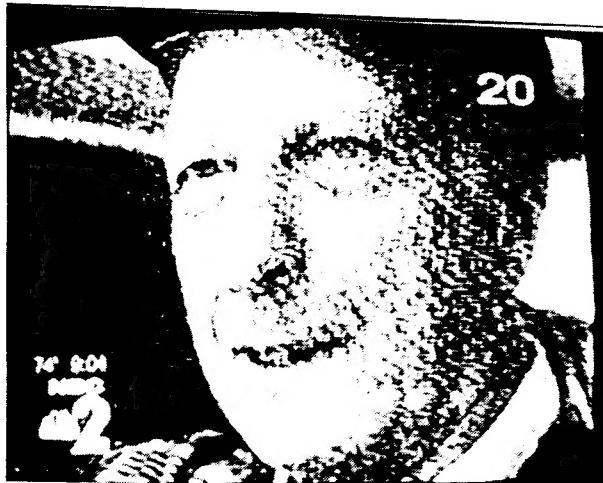
Page 2

The magnificent 7' dish can be seen for miles around!

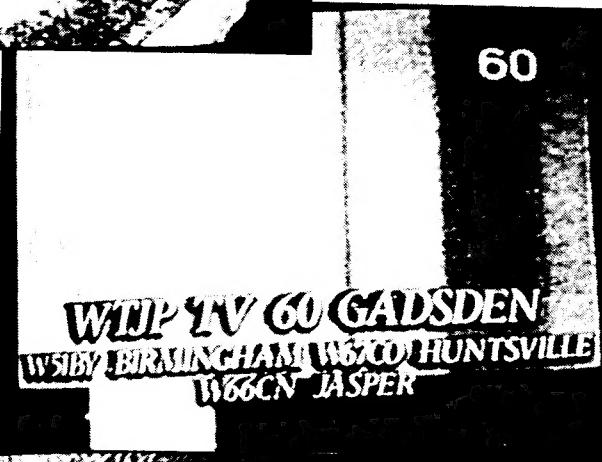


Equipment: Sony KV-27EXR15 TV, screened CM 7' dish @85' w/RG-11 and UA-900 preamp. Sony KV-13TR27 TV, CM 1110 @30' w/RG-6. Archer V-110, CM 8-bay UHF array at 60'.





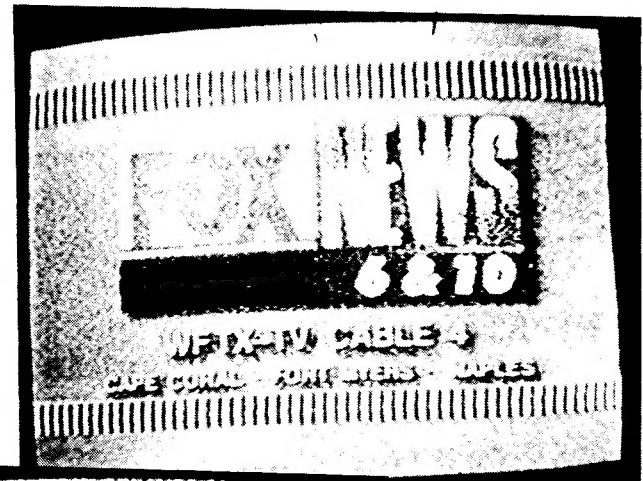
WBBH-20 Ft. Myers, FL
1144 mi Tr seen 4/5/98
@ 0804 CT
"Note ch. 2 (cable?) reference"



WTJP-60 Gadsden, AL
998 mi Tr seen 4/13/98
@0200 CT



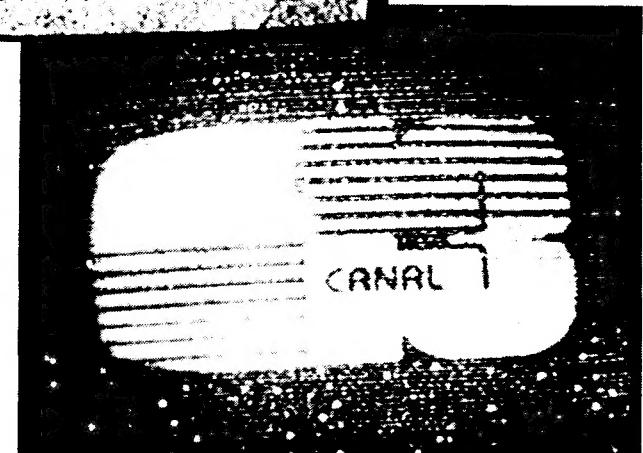
WSCV-51 Ft. Lauderdale, FL
1242 mi Tr seen 4/15/98
@0600 CT



WFTX-36 Cape Coral, FL
1142 mi Tr seen 4/5/98
@0700 CT



XHCCU-13, Cancun, QR
897 mi Tr seen 4/11/98
@0700 CT
"La Imagen del Caribe Mexicana"



XHST-13 Merida, YU
780 mi Tr seen 4/10/98
@2330 CT

TV NEWS

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wi@bellsouth.net

August 1998

*: non-commercial station
+/-: plus/minus offset
z/n: zero/no offset
*: Digital TV station

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
CA	25*	316	205	San Diego	KGTV [10]	32-50-20	117-14-56
FL	9*	15.9	294	Miami	WPLG [10]	25-57-59	80-12-44
IN	9*	15.9	284	Indpls.	WISH [8]	39-53-25	86-21-20
MO	43*	971	337	St. Louis	KTVI [2]		
OH	10*	13.7	280	Cincinnati	WCPO [9]	39-07-30	84-29-56
TX	14*	475	500	Dallas	KERA [13]	32-34-43	96-57-12
VA	41*	531	344	Hampton	WVEC [13]	36-49-00	76-28-06

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AR	*36z	2600	346	Little Rock		34-47-56	92-29-44
BC	20	.005		Passmore	Knowledge Network		
BC	3	.001		Slocan	CKTN [8], CTV		
BC	6	.001		Slocan	Knowledge Network		
BC	7	.001		Slocan	to relay KXLY [4], ABC		
BC	10	.001		Slocan	to relay KREM [2], CBS		
CA	29*	1000	401	S. Francisco	KPIX [5]	37-45-20	122-27-05
DC	36*	1000	201	Washington	WTTG [5]	38-57-22	77-04-59
FL	9*	15.9	294	Miami	WPLG [10]	25-57-59	80-12-44
MA	20*	200	191	Boston	WCWB [5]	42-18-37	71-14-14
MI	44*	200	323	Detroit	WWJ [62]	42-26-52	83-10-23
MO	43*	834	337	St. Louis	KTVI [2]	38-32-07	90-22-23
MO	56*	1000	333	St. Louis	KMOV [4]	38-31-47	90-17-58
MS	*31*	760	96	Cleveland	MS ETV	33-44-01	90-42-50
MS	*43z	743	141	Columbus	MS ETV	33-32-54	88-23-45
MS	45*	5000	506	Houston		33-47-40	89-05-16
MS	*32*	769	11	Yazoo City	MS ETV	32-50-48	90-23-18
ND	*22*	97	392	Bismarck	KBME [3]	46-35-23	100-48-02
PA	26*	770	375	Phila.	KYW [3]	40-02-33	75-14-33
PA	42*	317	161	Phila.	WTXF [29]	40-03-33	75-14-21
PA	64*	1000	332	Phila.	WPVI [6]	40-02-33	75-14-33
PA	67*	759	343	Phila.	WCAU [10]	40-02-31	75-14-12
TX	27*	261	534	Houston	KRIV [26]	29-34-28	95-29-37
TX	18z	3680	202	Midland	Univision	31-54-48	102-02-39
WY	9*	1.78	291	Sheridan	KTVQ [2], CBS	44-37-20	107-06-55

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
CT	61+	4990	611	Hartford	WTIC-TV	41-42-19	72-49-51
FL	10+	nc	307	Miami	WPLG		
GA	64-	1148	223	Macon	WGNN	32-45-51	83-33-32
KY	65z	1259	207	Beattyville	WLJC-TV		
OH	7+	nc	Dayton		WHIO-TV	39-44-02	84-14-52
			(Correct coordinates - no move)				
OH	45z	nc	351	Dayton	WRGT-TV		
PA	8+	nc	418	Lancaster	WGAL	(correction only)	
PA	15+	12.9	nc	Lebanon	WLWY-TV	(aux. Backup only)	
TX	26z	1000	318	Houston	KRIV	(aux. Backup only)	
VA	13-	177	373	Hampton	WVEC-TV	36-49-00	76-28-06

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
AL	31+	5000	nc	Huntsville	WAAY-TV		
AR	29+	nc	266	Fayetteville	KHOG-TV		
AZ	15-	4000	nc	Phoenix	KNXV-TV		
AZ	33z	2290	510	Phoenix	KTVW-TV		
DC	30z	20.7	nc	Washington	WMDO-LP		
FL	46z	5000	nc	Naples	WTVA		
FL	38z	5000	nc	St. Petersburg	WTAA		
FL	12z	nc	309	W. Palm Beach	WPEC	26-35-18	80-12-30
GA	59-	113	nc	Atlanta	WSKC-LP		
IA	17+	5000	462	Des Moines	KDSM-TV	41-48-01	93-36-27

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
IA	46	69.3		Des Moines	K46FY		
IA	40-	5000	266	Dubuque	KFBX		
ID	12+	198	802	Nampa	KTRV	43-44-40	116-06-33
IL	34z	1.2		Arlington Hts.	W34CK	41-53-56	87-37-23
				(From W17BD)			
IL	60z	nc	512	Aurora	WEHS-TV		
IL	16+	1035	308	Quincy	WTJR		
IN	63+	5000	328	Bloomington	WIIB	39-24-16	86-08-37
IN	29-	5000	nc	Kokomo	WTTK		
KY	56z	5000	351	Danville	WDKY-TV		
KY	21-	1710	223	Louisville	WBNA	38-22-02	85-49-53
KY	*68+	1360	251	Louisville	WKMJ-TV	38-22-01	85-49-54
LA	26z	5000	nc	New Orleans	WGNO		
MA	66z	5000	356	Marlborough	WHSH-TV	42-23-03	71-29-41
MI	*28-	5000	nc	Flint	WFUM		
MI	8-	316	171	Iron Mountain	WDHS		
MO	41-	4000	nc	Kansas City	KSHB-TV		
MS	8z	0.022	nc	Cleveland	WHCQ-LP	33-45-30	90-43-28
NC	17-	nc	610	Goldsboro	WNCN	35-40-29	78-31-40
NM	29+	75	159	Hobbs	KHFT		
OH	3z	93	312	Cleveland	WKYC-TV		
OK	34-	5000	371	Oklahoma City	KOCB	35-33-36	97-29-07
OK	47z	5000	nc	Tulsa	KWKB		
PA	56z	nc	503	Haleton	KWLF-TV	41-11-00	75-52-10
TN	17+	5000	nc	Nashville	WZTV		
TX	42-	5000	394	Austin	KYEY-TV		
TX	67n	nc	nc	San Antonio	KDWZ-LP	29-25-30	98-29-03
WI	5+	nc	384	Green Bay	WFRV-TV	44-24-21	88-00-19

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
FL	31-	30		Orlando	W31AU		
TX	2+	nc	413	Fredericksburg	KBEJ	30-08-13	98-36-35
WA	34-	2840	450	Spokane	KGPX		

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	Ht.	City	Call	Latitude	Longitude
CA	7-	0.249	nc	Atascadero	K07WA		
CA	6+	0.053	nc	Big Bear L. Vly.	K06MU		
CA	10z	nc	nc	Lompoc	K10OG	???????	120-26-42
FL	58z	138	57	Ft. Walton Bch.	WAND	30-23-43	86-30-11
NE	28-	nc	nc	Columbus	K28EN		(from ch. 28+)
NE	15z	nc	554	Omaha	KXVO	41-04-15	96-13-30
OH	57-	0.774	nc	Steubenville	W57BH		
PA	69z	1783	313	Allentown	WFMZ-TV		
TX	55+	nc	553	Conroe	KTBU	30-13-53	95-07-26
TX	40z	5000	576	Rio Grande City	KAIQ	26-31-01	98-39-07
TX	63+	6.9	nc	San Antonio	K63GD	29-31-27	98-37-05
WA	45+	276	346	Seattle	KHCV	47-32-39	122-06-32

The wireless-cable systems at Anchorage and Fairbanks, Alaska have been granted power changes as follows:

Anchorage (3.6KW):	
K07FX	K07EP
K07EF	K07FF

Fairbanks (9.0KW):	
K10FF	K10EW
K10EF	K10EE
K10EE	K10EG
K10EG	K10EL
K10EL	K10ES
K10ES	K10ET
K10ET	K10FF
K10FF	K10EF
K10EF	K10EE
K10EE	K10EG
K10EG	K10EL
K10EL	K10ES
K10ES	K10ET
K10ET	K10FF

NEW STATIONS GRANTED/REQUESTING OPERATING LICENSES OR NOTED ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	7+	316	389	KVYE	El Centro	33-03-06	114-49-41
HI	66z	95.5	632	KXPO	Kaneohe	21-19-49	157-45-24
ID	55-	27		K55HM	Twin Falls	42-43-45	114-24-55
KY	67-	11	169	WAOM	Morehead	38-10-38	83-24-24
OH	35+	100	305	WLWT-DT	Cincinnati	39-07-27	84-31-18
WA	33n	1.7		K33EJ	Walla Walla	45-59-04	118-10-08
WI	26+	171	455	WKOW-DT	Madison	43-03-21	89-32-06

TECHNICAL CHANGES ON THE AIR

<u>St</u>	<u>Ch</u>	<u>Call</u>	<u>City</u>	<u>What Happened</u>
CA	44z	K44DT	Simi Valley	Minor power decrease; major tower height increase; move about 40km east and change city from Santa Paula.
CO	69n	K69CD	Holyoke	Major power & minor tower height increases; move a few meters north.
NC	35-	WARZ-LP	Smithfield	Minor power & moderate tower height increases.
NY	18+	WETM-TV	Elmira	Major power increase.
OK	43z	KELF-LP	Grove	Major power & minor tower height increases.
OK	62+	KOPX	Okla. City	Major power & moderate tower height increases; move about 2km south-southwest; change from zero offset.
OR	55n	K55CM	Gold Beach	move a few meters northeast, moderate tower height increase.
VA	*15z	WHRO-TV	Hampton	Minor power increase.
WI	14-	WPXG	Suring	Major power & minor tower height increases; move about 25km southeast.

NEW-STATION APPLICATIONS DISMISSED/DENIED/ETC.

<u>St</u>	<u>City</u>	<u>Channel</u>	<u>St</u>	<u>City</u>	<u>Channel</u>
MD	Baltimore	30	MS	Houston	45, 4 apps
TX	Midland	18, 8 apps	VA	Dale City	30
VA	Manassas	30			

CHANGES DISMISSED/DENIED/ETC.

<u>St</u>	<u>City</u>	<u>Call</u>	<u>St</u>	<u>City</u>	<u>Call</u>
TN	Jackson	W46CG	TX	Amarillo	K67GW
TX	Brownsville	K17EK (to 28)			

STATIONS DELETED/DISMISSED/ETC.

<u>St</u>	<u>City</u>	<u>Call</u>	<u>St</u>	<u>City</u>	<u>Call</u>
FL	Ft. Myers	W59CY	GA	Augusta	W46CG
MN	Erhard	K33EN, K65GG	NC	Midway	W41BS, W52BY
SC	Columbia	W67DP	SC	Honea Path	W45BP
SC	Summerville	W48BV	TN	Memphis	W14CF [59]
TX	Beaumont	K21DT	CA	Arroyo Grande	K08MD

CALL CHANGES

<u>Was:</u>	<u>Now</u>	<u>City</u>	<u>Was:</u>	<u>Now</u>	<u>City</u>
K07WS	KJLF-LP	San Antonio, TX	NEW [24]	KBGC	Pullman, WA
K33BY	KJOI-LP	Bakersfield, CA	NEW [18]	KBGD	Farwell, TX
K52CQ	WLFT-LP	Baton Rouge, LA	NEW [3]	KGFB	Douglas, AZ
K60ES	KCSO-LP	Sacramento, CA	NEW [23]	WBDJ	Waterville, ME
KBDP [23]	KPWB-TV	Ames, IA	NEW [21]	WPXO	Minden, LA
KBEU [34]	KGPX	Spokane, WA	NEW [30]	KBGS	Odessa, TX
W08BV	WINJ	Columbus, OH	KBSP [22]	KPXG	Salem, OR
KMPH-LP[58]	KBFX-LP	Bakersfield, CA	WFBP [50]	WPXX	Memphis, TN
KTLC [43]	KPSG	Oklahoma City	WHTV-LP [19]	WJHJ	Williamsburg, VA
WPNS-LP[8]	WRBD	Pensacola, FL	KBGB [30]	KPKX	Odessa, TX
WYHS [69]	WAMI-TV	Hollywood, FL	W65DI	WCNT	Chattanooga, TN
W47BA	WDGA-LP	Dalton, GA	W27BQ	WTNB	Cleveland, TN
K28DK	KJLR-LP	Little Rock, AR	K13UW	KZJG	Little Rock, AR

The following stations have dropped the -TV suffix:
 KDFW [4] KTCB [7] WAGA [5] WGHP [8] WITI [6] WJBK [2] WJW [8]

PROGRAMMING CHANGES

<u>Call</u>	<u>Location</u>	<u>Programming</u>
"KATH" [?]	Juneau, AK	NBC.
KSCT-LP [5]	Sitka, AK	NBC & WB.
K52EG	Yuma, AZ	sold to 3ABN.

PROGRAMMING CHANGES

<u>Call</u>	<u>Location</u>	<u>Programming</u>
K16EI	Yuma, AZ	also sold to 3ABN.
KJOI-LP [33]	Bakersfield, CA	to VCC shopping.
KVHF-LP [4]	Fresno, CA	"HTV" Hispanic videos.
K28EZ	Fresno, CA	"KJKZ-TV" (still VCC).
KQJA-LP [68]	Fresno, CA	from VCC to PSN.
W30BF	Bangor, ME	sold by Maine PBS.
KBBJ [9]	Havre, MT	co-owned with KTVH [12], NBC.
KBAO [13]	Lewistown, MT	co-owned with KTVH [12], NBC.
KYUS [3]	Miles City, MT	now a satellite of KULR [8], NBC.
WLYJ [46]	Clarksburg, WV	sold, to no longer be religious?

OTHER STUFF

K19DD Scottsdale, Arizona has requested experimental permission to operate as a DTV station. KSCI [18] San Bernardino, California has applied to change its city of license to Long Beach. No change in transmitter location has been requested. WYOW [34] Eagle River, Wisconsin has been sold to Shockley Communications. It was already relaying Shockley's WACW [9] Wausau.

NBC's Web site lists a KATH Juneau as an affiliate. It doesn't say what channel the station operates on, and there is no KATH or KATH-LP.

As I feared, the LPTV Displacement Applications got out of hand in a real hurry.. I had five pages full with a week left before column deadline, and the FCC has been releasing a couple of dozen more every day. Printing all of them would probably result in a VUD containing LPTV displacements and nothing else! I will make an attempt to keep a current list on my Web page at personal.bna.bellsouth.net/~w9wi - no promises though!

A WKOW-TV engineer reported on the Internet that the digital transmitter on channel 26 was first tested on June 25. He indicated the test ended with the carrier being cut on and off to send the station's callsign in Morse Code - do not expect this to be a regular feature of DTV broadcasts!

Randy Miltier corrects me on the programming source for the new KBDM [20] Yreka, CA. KIXE [9]'s ownership is not common with the new station, and KIXE personnel don't know anything about it. My guess is it'll be a religious station. Randy also believes KOTI [2]'s power increase is now on the air. They hold a CP to go from 35.5 to 85.1KW from the same site.

Thanks to Chip Kelley for the Alaska and KYUS programming info, and for directing me to the Cocola Broadcasting Web page (cocolatv.com, no "www" needed) for the California programming info.

Dave Nieman (our convention host!) Sent an item from the Buffalo News about WNNS [67] Springville, one of the last of the "ma and pa" TV stations. Yes, the call letters stand for Wings - quoting co-owner Bill Smith, "Buffalo wings are just huge at Penn State. We spent many an evening having wings for dinner." Smith met his co-owner and wife Caroline Powley at the Pennsylvania engineering college. Powley's father John operated WOPC [23] Altoona (now WATM) for many years. Tower chasing during family vacations wasn't very enjoyable for Ms. Powley as a child - but it led to a vocation, and eventually the application for channel 67. Now that the station has a UPN affiliation and carriage on TCI cable in Buffalo, financing has been received to increase power to 5000KW and increase the tower height. (the FCC has already approved the application)

I received a clipping on DTV from the July 9 Atlanta Journal-Constitution, but the sender forgot to write their name on the clipping or envelope, so I don't know who to credit! We're out of space anyway; I'll use this one next month. Hope everyone enjoys the convention, and the Es that's been leading up to it..

73 Doug

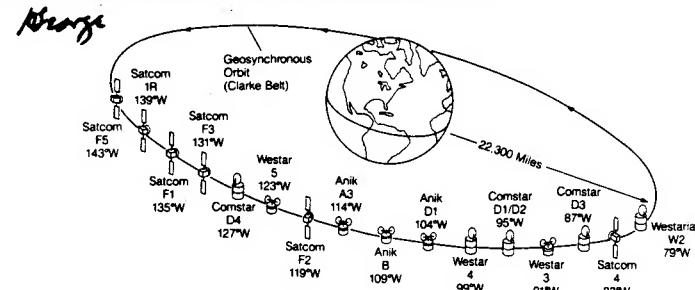
SATELLITE NEWS

GEORGE W JENSEN
4604 ANN TANA AVE
BALTIMORE MD 21206-4220

This month- a review of Audio-Sub-Carriers which I have neglected for several years.
 First - though - new on the video/digital side:
 NEW SATELLITE:- Intelsat 8?? at app. 40 West -
 4DTV receiver gives it an I2 designation with 32 C
 Band transponders. - Here's what's on - all with
 grade A+ signals -
 ATC - Buenos Aires, Argentina in PAL color with Radio
 Nacional de Buenos Aires sub-carrier
 digital:
 750 -
 751 -
 752 - Senal Colombia - type of public/educational channel
 753 - Teleantioquia - medellin?
 754 - Tele Caribe - Barranquilla/Cartegena?
 755 - Telepacifico - Cali
 756 - audio only from Canal Uno - Bogota?
 757 - open
 Anik E2 - Ku digital
 434 - WSBK - Boston, Massachusetts
 Satcom 3
 24 - Military Channel
 Telstar 5 - all digital feeds gone except 584 - C-Span 1
 Telstar 402 - 3 - Exxxplore in now Rogue in VC2
 NOW to the new sub-carrier listings
 Satcom C1
 2 - Radio America/People's Radio Network
 3 - Colorado Rockies Talking Book service
 6 - Bonneville International Latter Day Saints Radio/
 World Web News Network
 10 - KHCB - 105.7 FM - Houston, Texas
 14 - Orbit 7 Radio Network
 21 - Cable Radio Network
 Satcom C4 -
 8 - United Video Background Music
 10 - In-Touch Reading Service/Business News Network/
 WUSF - 89.7FM Tampa, Florida
 24 - AM 650 - WSM - Nashville, Tennessee
 Galaxy 1 -
 11 - WEWN - Birmingham, Alabama - EWTN's Short Wave
 services
 17 - Amerinet/Mix 106 FM - Charlotte, North Carolina
 24 - Yesterday U.S.A.
 Satcom C3 -
 7 - World Radio Network/BBC World Service
 13 - Classical Music - NO ID
 Galaxy 5
 2 - KLON - 88.1FM - Jazz FM - Long Beach, California/
 Cable Radio Network/Music Channel - no ID
 6 - Brother Stairs Radio/World Radio Network
 7 - WFMT- 98.7 FM - Chicago, Illinois/Yesterday U.S.A.
 11 - WYNS AM 670 - Hampton Roads, Virginia
 17 - CNN Radio News en Espanol
 21 - Super Audio Music Channels

Morelos 2
 8 - XEWA - San Luis Potosi/Monterrey 540 kHz
 14 - XEW - 900 - Mexico City, Mexico
 Anik E2 - C-Band
 1 - CBF-FM 100.7 - Montreal, Quebec/CBM-AM 940 - Montreal
 5 - WOKI 100.3 FM "The Eagle" - Knoxville/Oak Ridge, Tenn
 GE Americom GE1 -
 4 - Radio Tropical - French
 12 - Wisdom Radio/West Virginia Public Radio
 16 - a Hindi/Punjabi radio Service
 22 - Deutsches Welle Radio feeds and Short Wave radio feeds
 Ku-Band -
 22 - no sign of KAZN, but a station with a totally
 unidentifiable language and NO english ID's
 Spacenet 4
 14 - WQXR 96.3 FM - New York, New York/Antenna Radio Greek
 16 - WCBS 101.1 FM New York, New York
 19 - American Freedom Network (KHNC 1360 Johnston Col with
 KTMG 1370 Deer Trail, Colorado)/Truth Radio Network
 Galaxy 6:-
 6 - KBVA - 106.5 FM - Belle Vista, Srkansas/WCRP - 88.1 FM
 Guayama, Puerto Rico/Ozarkana Big Band Radio/IAM -
 relegious
 15 - WHME - 103.1 - South Bend, Indiana/World Harvest
 radio International Short Wave Radio Feeds
 Telstar 5 -
 Radio Desjardins feeds on one of the porn channels
 Galaxy 3 -
 9 - Beautiful Music - No ID
 Galaxy 7 -
 10 - Radio Maria - Italian from Rome/Radio Maria - Polish
 from Warsaw/Radio Dubai - 1314 - Dubai, U A E
 14 - RAI - Italian Radio Network from Rome, Italy/Republic
 Radio International
 19 - WCBS - 880 AM - New York, New York
 GE Americom - GE3 -
 3 - WROL - 950 - Boston, Massachusetts
 15 - Ambassador Radio
 6 - WCCO - Minneapolis/St. Paul, Minnesota (830)
 9 - Talk America 1 and 2
 GE Americom GE2
 22 - Aram Radio Network of America - WWTL - 700 kHz -
 Walkersville, Maryland - serves the Washington D.C.
 area
 Intelsat 27.5 West - 14 - Jazz FM 102.2 - London, England

That's all for this month - see you in 30





SOUTH OF THE BORDER

(U. S. AND CANADIAN DXERS AREN'T likely to think of Mexico when naming early television pioneers or technical accomplishments. As a result, we have missed some very interesting developments. The following information, found in the website of Mexico's equivalent of the National Association of Broadcasters, was translated by Doug Smith and edited by Tom Bryant. It gives us a glimpse of Mexico's role in TV development... a role that is often overlooked.)

The first attempts at television in Mexico were demonstrated in 1934 by a 17 year old student at the National Polytechnic Institute who had undertaken experiments with a closed-circuit television system in a small laboratory located at radio station XEFO.

For several years that student, Guillermo Gonzalez Camarena, who later became an internationally recognized engineer, worked with his original equipment; and in 1939 he impacted the world by inventing the Trichromatic Sequential System for COLOR TELEVISION. Camarena obtained patents for his invention both in Mexico and in the United States on August 19, 1940.

The first over-the-air black and white transmission in Mexico took place on August 19, 1946. It originated from the

bathroom of 74 Havre St. in the capitol; the home of engineer Gonzales Camarena. The success was such that, on September 7 of that year at 8:30pm, XEIGC, the first experimental television station in Latin America was inaugurated. This station transmitted a program of artists and interviews on Saturdays for two years. In September of 1948, daily broadcasts began. Thousands of people saw the broadcasts thanks to receiving apparatus installed in various commercial centers.

For all this work, we recognize the engineer Gonzalez Camarena as the Father of Mexican Television.

The first commercial TV station in Mexico, and Latin America, was inaugurated on August 31, 1950. On September 1, it began its first scheduled programs with a lecture of "TV Informe de Gobierno del Presidente de Mexico", Lic. Miguel Aleman Valdes, over the O'Farrill family's station XHDF-TV channel 4. In this year, XETV channel 6 in Tijuana, Baja California and XEQ-TV channel 9 (at the time signing XHTM on channel 10) in Altzomoni, Mexico State, also began broadcasting.

XEW-TV channel 2, property of the Azcarraga family, began in 1951 from Delta Park in Mexico City. This same year, XHGC channel 5, belonging to Guillermo Gonzalez Camarena, also appeared on the television dial. Another 1951 milestone was the transmission of anatomy lectures from the National School of Medicine. Later stations included XEIPN channel 11 (1959) of the National Polytechnic Institute, XHTIM channel 8 (1968) of the Monterrey Group (today XEQ-TV channel 9 of the Televisa consortium), and XHDF channel 13 (1968).

It was in 1968 that our country entered the era of satellite communications, to transmit to the world the diverse events of the 19th Olympic Games "Mexico 68". 17 years later, in 1985, we placed in orbit the first two national communications satellites, Morelos I and II. In 1992 and 1993, we orbited two more satellites, Solidarity I and II. These satellites, using the most advanced technologies of radio and television transmission, have the capacity to offer telecommunications to all of Mexico's territory and to 23 countries of the American continent.

SOUTHERN FM DX



For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, WV and Mexico

August 1998

John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
E-mail: Jzonalo@aol.com
Deadline: 10th

Check out my website, FM DX Web!

It's at <http://members.aol.com/fmdxweb>

Pat Dyer - WA5IYX
5315 Silvertip Drive
San Antonio, TX 78228-2744

<http://home.swbell.net/pjdyer/index.html>
pjdyer3@juno.com CDT

Realistic TM-1001 tuner (two IF mod w/150 kHz filters) into Allied 426. 52 ohm step-attenuator box used to reduce local intermod/overload when needed. 6 element Archer antenna at 20' with rotor.

6/3 Es

0855 KXRA 92.3 MN Alexandria, "KX-92" 1150
0923 KJYE 92.3 CO Grand Junction, "K-Joy," local ads 880

0925 KEZJ 95.7 ID Twin Falls, ID 1269
0927 KKVM 92.5 ID Rupert, area ads 1220
0939 KPKY 94.9 ID Pocatello, local ad 1206
0940 KZBQ 93.7 ID Pocatello, ID 1205
0959 KTAG 97.9 WY Cody, ID 1189
1012 KTAK 93.9 WY Riverton, local ad 1058
1013 KLZY 92.5 WY Powell, area ad 1189

6/3 Tr

0931 KTCY 104.9 TX Pilot Point, "Praise" 277
0934 KRNB 105.7 TX Decatur, area phone # 299

6/4 Es

1854 WOZZ 93.5 WI New London, ID 1178
1902 KORB 93.5 IA Bettendorf, "The Planet," area ad 959

6/4 Tr

1910 WTTS 92.3 IN Bloomington, ID 986
1911 KKPR 98.9 NE Kearney, o, 800 phone # 784

1915 WVGR 104.1 MI Grand Rapids, local psa 1167
1920 WCLR 95.7 OH Piqua, "Ohio Oldies" 1097

1922 WCOE 96.7 IN LaPorte, county ad 1070
1922 WLQI 97.7 IN Rensselaer, ID 1022

1925 WYCA 92.3 IN Hammond, rel 1044
1929 WLHT 95.7 MI Grand Rapids, "W-Lite" 1178

1932 WJPJ 92.3 MI Ishpeming, ID 1321
1936 WQLH 98.5 WI Green Bay, ID 1195

1946 WMEV 93.9 VA Marion, "FM 94 Super Country" 1110

1956 WBWI 92.5 WI West Bend, "Pure Country" 1120

1958 WKHL 96.5 WI Milwaukee, local ad 1112

1958 KQWC 95.7 IA Webster City, state ID 937

1959 KRLX 94.5 MO Kirkville, "The X" classic r 822

2000 WACD 106.1 WI Antigo, ID 1197

2003 KSOU 93.9 IA Sioux City, state ID, r 949

2024 WEBX 93.5 IL Tuscola, "The Web" 928

2025 WKIO 92.5 IL Urbana, "Oldies 92" 940

2030 WUSW 96.9 WI Oshkosh, "US-96" 1152

2036 WIL 92.3 MO St. Louis, ID, k 779

2041 WKLQ	94.5	MI	Holland, "KLQ" 1160
2041 WLAV	96.9	MI	Grand Rapids, "LAV" 1168
2042 WGKD	97.9	MI	Grand Rapids, area ad 1156
2043 WKFR	103.3	MI	Battle Creek, local ad 1156
2046 WLWJ	97.7	IL	Petersburg, EAS msg 885
2048 WAIR	92.5	MI	Atlanta, ID 1325
2054 WZTR	95.7	WI	Milwaukee, area ad 1111
2104 WLXK	92.3	VA	Roanoke, "K-92" 1188
2105 WPVR	94.9	VA	Roanoke, "Arrow" 1188

6/12 Tr
2333 WKSJ 94.9 AL Mobile, ID 659

6/13 Tr
0000 WCKW 92.3 LA LaPlace, ID 473
0001 WKNN 98.1 MS Pascagoula, area ad 595
0006 WYCL 107.3 FL Pensacola, "Cool 107" 674
0007 KKKC 99.1 LA New Iberia, ID 412
0007 KTDY 99.9 LA Lafayette, ID 412
0028 WDGL 98.1 LA Baton Rouge, area ad 446
0108 KYKS 105.1 TX Lufkin, "Kicks 105" 269

6/14 Tr
0013 WWRM 94.9 FL Tampa, "Warm" 997
0029 WJDX 96.3 MS Jackson, "Mix 96.3" 522
0031 WKSJ 94.9 AL Mobile, ID 659
0034 KTUX 98.9 TX Carthage, "99-X" 388
0050 WTYX 94.7 MS Jackson, ID, "Arrow 94" 529
0109 WDGL 98.1 LA Baton Rouge, "Eagle" 446
0113 KCTG 107.3 TX Ingleside, ID, "Oldies 107" 139
0251 WYCL 107.3 FL Pensacola, "Cool 107" 674
0259 WTIX 94.3 LA Galliano, ID 527
0337 WKZB 93.5 AL Butler, ID 628
0359 WCKW 92.3 LA LaPlace, ID 473
0912 WLWI 92.3 AL Montgomery, ID 762

6/14 Es
1000 WYFQ 93.5 NC Wadesboro, ID 1134
1011 WKKT 96.9 NC Statesville, "Cat Country" 1117
1029 WIKQ 94.9 TN Greeneville, local ad 1029
1336 WKHY 93.5 IN Lafayette, "KHY" 1000
1530 WMXL 94.5 KY Lexington, "Lexington Mix" 1007

1533 WWSW 94.5 PA Pittsburgh, "3WS" 1294
1538 WAXZ 97.7 OH Georgetown, area ads 1184
1540 WQMF 95.7 IN Jeffersonville, "QMF" 940
1540 WCMJ 96.7 OH Cambridge, regional ad 1205
1543 WNCI 97.9 OH Columbus, ID 1142
1546 WKIO 92.5 IL Urbana, "Oldies 92," area ads 940

1554 WCOL 92.3 OH Columbus, ID 1141
1558 WYCA 92.3 IN Hammond, area ad 1044
1600 WEMM 107.9 WV Huntington, ID 1122
1617 WNED 94.5 NY Buffalo, cx 1427
1623 WXBQ 96.9 TN Bristol, ID 1067
1626 WCLR 95.7 OH Piqua, area wx 1097
1627 CHRE 105.7 ON St. Catharines, "Lite 105.7" 1427

1629 QFMX 103.1 ON Coburg, cx, area ad 1509
1641 WHTT 104.1 NY Buffalo, area ad 1431
1644 WKLQ 94.5 MI Holland, "KLQ" 1160
1645 WBWI 92.5 WI West Bend, "Pure Country," ID 1120
1646 WNIZ 96.9 IL Zion, xc 1080
1648 WVKS 92.5 OH Toledo, "Kiss FM" 1183
1654 WBCM 93.5 MI Boyne City, "TCM" 1325

Southern FM DX

Dyer continued

1700 WBDK	96.7	WI	Algoma, ID, area ads 1210
1701 WSJY	107.3	WI	Fort Atkinson, area ad 1061
1713 WOOD	105.7	MI	Grand Rapids, "EZ 105.7" 1167
1715 WOLX	94.9	WI	Baraboo, area ad 1084
1715 WCLX	93.9	MI	Mio, regional ID 1310
1716 WBCT	93.7	MI	Grand Rapids, "B-93," regional ad 1163
1749 WTBX	93.9	MN	Hibbing, ID 1273
1910 WAJI	95.1	IN	Fort Wayne, "Majic" 1101
1913 WCRC	95.7	IL	Effingham, ID 877
1918 WJLB	97.9	MI	Detroit, ID 1241
1919 WAZY	96.5	IN	Lafayette, ID 994
1920 WMMC	105.9	IL	Marshall, "Magic 106," local ad 919
1924 WXEE	97.9	IL	Effingham, "The X," local ad 875
1929 WVIC	94.9	MI	East Lansing, area ad 1198
1930 WAHV	103.9	MI	Owosso, area ID 1236
1952 CIMX	88.9	ON	Windsor, ID 1235
6/15 Tr			
0300 KSMB	94.5	LA	Lafayette, ID 387
0303 WKSJ	94.9	AL	Mobile, ID 659
6/16 Tr			
2336 KZMZ	96.9	LA	Lafayette, ID 388
2359 WADU	94.9	LA	Reserve, ID 480
6/17 Tr			
0001 WCKW	92.3	LA	LaPlace, ID 473
0008 KSMB	94.5	LA	Lafayette, ID 387
0052 WKDJ	94.9	AL	Mobile, ID 659
6/17 Es			
1424 KKOW	96.9	KS	Pittsburg, area and local ads 584
6/20 Tr			
2352 WDGL	98.1	LA	Baton Rouge, "Eagle" 446
6/21 Tr			
0029 WTIX	94.3	LA	Galliano, ID 527
0059 WADU	94.9	LA	Reserve, ID 480
0156 WCKW	92.3	LA	LaPlace, ID 473

Considering how good April/May Es was it was a disappointing June here. Some trans-Gulf tropo into the summer is a little rare, but that often made it difficult to find the fainter Es! 73, Pat - WA5IYX

Doug Smith

1385 Old Clarksville Pike - Pleasant View,
TN 37146-8098
W9wi@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

6/2 Tr

1039 KOOI 106.5 TX Jacksonville, Tyler promo 556

6/13 Tr

0900 KWND 88.3 MO Springfield, "The Wind FM," legal ID 334

0900 unID 95.1 ?? ??, "Oldies 95.1," WXL?

0930 KJEZ 95.5 MO Poplar Bluff, area request, "Clasic 95.5," over 20 miles local WSM 183

0935 KWXD 103.5 MO Asbury, "103.5 KWXD," ID 425

August 1998

0935 KLTO	96.5	MO	Sparta, "96.5 The Max," Ozark talk 346
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6/13 Es

1351 KXPK	96.5	CO	Evergreen, Denver ad 1012
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1351 KBCO	97.3	CO	Boulder 1016
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1412 KLZX	106.9	UT	Brigham City, (#1) 1399
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1417 KUZW	90.5	WY	Rock Springs, tornado warning 1242
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1417 KUWR	91.9	WY	Laramie, // to 90.5 1042
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1417 unID	91.9	??	??, (#2)
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1425 KID	96.1	ID	Idaho Falls, "K96," local ad 1418
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1425 KLCE	97.3	ID	Blackfoot, "Classy 97 KLCE" 1433
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6/14 Es

1152 XETI	94.1	NL	Monterrey, "La Caliente, La 94.1"
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2025 KTEQ	90.5	TX	Wichita Falls, legal ID 669
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6/19 Tr

2217 WHOP	98.7	KY	Hopkinsville, local nx, calls 205/330
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2220 WWNT	99.7	TN	Manchester, "Super Talk 99-7 WTN," t 320/515
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6/27 Es

1333 KBNL	89.9	TX	Laredo, "Radio Maniental" & stn address 936
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1333 XEOY	89.7	DF	Mexico City, "Morena FM," member of Nucleo R. Mil 1380
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1348 unID	95.3	??	??, Grupo Acir station w/pre-game for World Cup
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1357 XHAHC	90.9	CH	Chihuahua, legal ID, "Super Estelar" 1226
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1408 XHPS	93.3	VC	Veracruz, local slogan 1308
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Other unIDable Mexicans on 90.1, 93.5, 93.1,			
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93.9, 94.1, and 99.5			
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6/28 Es

1119 CKGN	89.7	ON	Kapuskasing, calls in FF 930
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1119 CBON24t	90.7	ON	Kapuskasing, mono talk in FF
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1119 CINNt	91.1	ON	Hearst, ethnic mix and announcements in FF
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#1- "K-Rock Rocks the Wasatch on 103.1"

#2- Brief mention of Utah in news before KUWR faded up.

Suspect KPCW, the only 91.9 in Utah

Fred Laun - K3ZO
5801 Huntland Rd.
Temple Hills, MD
20748
aalaune@bmi.net
EDT

Denon TU-800 Tuner, Winegard antenna @ 35'

6/1 Es

2035 KWYR	93.7	SD	Winner, ID 1230
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2042 KRKZ	93.5	OK	Altus, local ads 1284
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2043 KFXI	92.1	OK	Marlow, ID 1200
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2053 KANS	92.9	KS	Osage City, "Kansas Radio" 1032
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2054 KICM	93.7	OK	Healdton, ID 1179
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2057 KNIN	92.9	TX	Wichita Falls, ID 1246
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2100 KSPI	93.7	OK	Stillwater, ID 1135
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6/24 Es

1200 KCCU	90.3	OK	Lawton, ID 1214
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1205 KNIN	92.9	TX	Wichita Falls, "NIN" 1246
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1206 KICM	93.7	OK	Healdton, ID 1179
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1209 KFXI	92.1	OK	Marlow, ID 1200
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1222 KRKZ	93.5	OK	Altus, ID 1284
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6/28 Es

1014 KOLL	94.9	AR	Redfield, "Cool 95" 899
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1018 WTCD	96.9	MS	Indianola, ads for MS delta 831
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1029 KITT	93.7	LA	Shreveport, "Cat Country" 1041
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Southern FM DX

Eric Bueneman

NOUIH - 631 Coachway Lane - Hazelwood, MO

63042-1347 - (314) 839-9751 (prepaid only) -

NOUIHEric@aol.com, EricB631@juno.com -

http://members.aol.com/nouiheric/k-index.html

CDT

Realistic STA-90, Archer VU-110 antenna with Archerotor at 33' AGL. Miles/kilometers.

6/19 Tr

2217 WHOP	98.7	KY	Hopkinsville, local nx, calls 205/330
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2220 WWNT	99.7	TN	Manchester, "Super Talk 99-7 WTN," t 320/515
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2224 WFGE	103.7	KY	Murray, "Froggy 103," k (x-WBLL) 190/306
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2241 WCBF	102.1	KY	Clinton, "The Fox," local ad, classic r 160/258
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2303 WQUL	97.7	IL	West Frankfort, "The Bear," classic r 100/161
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2305 WGIC	98.5	TN	Cookeville, "Magic 98.5," soft AC, o/KTJJ 325/523
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2316 WDXR	94.3	IL	Colombia, o, calls 160/258
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2327 WBKR	92.5	KY	Owensboro, local ads, calls, wx, k 190/306
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2352 WHRZ	97.7	KY	Providence, Madisonville ads, wx, calls, k 175/282
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2355 WGGC	95.1	KY	Glasgow, "Country 95," calls, k 175/282
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6/20 Tr

0000 WQXQ	101.9	KY	Central City, "Q-102," hot AC 200/322
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0004 WBLG	107.1	KY	Smiths Grove, "The Gator, G107," o/KGNV 225/362
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0023 WHHT	103.7	KY	Cave City, "Mix 103," hot AC 230/370
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0057 WSOY	102.9	IL	Decatur, "Y-103," legal ID, hot AC, no KEZS 110/177
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0110 WDKS	106.1	IN	Newburgh, "The New Kiss 106.1," hot AC 170/274
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0113 WDNL	102.1	IL	Danville, calls, hot AC 175/282
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0116 WCVS	96.7	IL	Virden, "Classic Hits 96," wx, promo 70/113
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0122 WNIN	88.3	IN	Evansville, o, slight ACI from KDHX 165/266
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0632 WILL	90.9	IL	Urbana, calls, c 155/249
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0633 WLRW	94.5	IL	Champaign, "Mix 94.5," ads, wx, hot AC 150/241
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0640 WHMS	97.5	IL	Champaign, "Light Rock 97.5," soft AC 150/241
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0648 Columbia MO	91.3	96.7	101.5 S 105/169
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1953 KGMO	100.7	MO	Cape Girardeau, "Classic Rock 100-dot-7" 115/185
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1955 WBGL	91.7	IL	Champaign, CCM, ACI from KSIV 150/241
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2322 WBNQ	101.5	IL	Bloomington, calls, ads, promos, Backtrax USA 135/217
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2328 WXKO	100.9	IL	Pana, "KO Country 101," k, promos 80/128
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2330 WPBG	93.3	IL	Peoria, o, = to KNSX 140/225
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2337 WFBM	104.5	IL	Springfield, calls, k, obliterating KSLQ 80/128
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August 1998

Many stations in the 80-160 mile range were coming in like locals during this period. Logged WGIC 98.5 (x-WHUB) and WFGE 103.7 for call letter changes. Noted Bowling Green KY stations on FM and TV, as well as WQXQ 101.9 (last heard in '86 as WKYA). Also noted format changes on WQUL 97.7 (look for a call change on this one shortly) and WCVS 96.7.

6/24 Tr

0027 WOOZ	99.9	IL	Harrisburg, "New Country Z-100," ads, hot k, over KFAV 130/209
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0038 WGKX	105.9	TN	Memphis, "Kix 106," hot k, ACI from KPNT 105.7 250/402
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0040 WRAJ	96.5	IL	Anna, dance CHR, severe ACI from KIHT 96.3 110/177
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0058 WMC	99.7	TN	Memphis, "FM 100," hot AC, slight ACI from KFAV 99.9 250/402
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0150 KLUH	90.3	MO	Poplar Bluff, "Victory 90.3," Southern g, o/KGNV 145/233
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0214 KCGQ	99.3	MO	Gordonville, "Rock 93.3," ACR, slight ACI from KFUO 99.1 110/177
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0217 WGCF	89.3	KY	Paducah, calls, CCM, o/WIPA 155/249
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0230 KWFC	89.1	MO	Springfield, underwriting annmt CCM 190/306
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0238 KIYS	101.9	AR	Jonesboro, "101.9 Kiss FM," CHR, mixing w/WQQL 200/322
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0243 KWTO	98.7	MO	Springfield, "Rock 99," classic r, mixing w/WNN 190/306
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0315 KLRQ	96.1	MO	Clinton, "Q96," o, slight ACI from KIHT 96.3 185/298
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0317 KTXR	101.3	MO	Springfield, "The Gentle Giant," still EZLAC, ACI from WVRV 101.1 190/306
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0321 KCVO	91.7	MO	Camdenton, calls, CCM, ACI from KSIV 91.5 140/225
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0340 KLSC	93.9	MO	Fayette, "Mix 93.9," local ads, hot AC
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Southern FM DX

Bueneman continued
on. Another Poplar Bluff station was noted in KLUH 90.3. In past years I had used KJEZ 95.5 as a barometer on conditions into the Poplar Bluff area, but with WFUN parked there, the barometer station became KOKS 89.5 (even with local KCFV on). Also added another Paducah station with WGCF 89.3; a new Arkansas stations with KAMS 95.1, and also continued to clean up on the stations adjacent to my locals with the new additions being WTRI 94.9, WIKK 103.5 and WXET 107.9. The most difficult local to even receive stations adjacent to is WALC 104.1 (figures, their transmitter is 6 miles N of me).

6/29 Fr

1705 XHAAA 93.1 TM Reynosa, local ads in SS 990/1593

6/29 Tr

1710 KAMS 95.1 AR Mammoth Spring, local announcements 175/282

6/30 Tr

0240 WXLT 95.1 IL Carterville, "Big Dog 95.1," classic r, change from soft AC 100/161

0255 WNKK 92.1 IL Carthage, "Wink FM, Oldies 92.1," local ads, wx, o, AC1 from WIL 125/201

0259 WXAN 103.9 IL Ava, local ads, legal ID, USA news, AC1 from WALC 104.1 100/161

0347 KCMO 94.9 MO Kansas City, "Oldies 95," o, light AC1 from KSHE 94.7 225/362

0350 KLTE 107.9 MO Kirksville, "K-Lite," Christian talk //KSIV 91.5 155/249

0353 KOZN 102.1 MO Kansas City, "102.1 The Zone," local ads, modern AC, \$ 225/362

0358 KXTR 96.5 MO Kansas City, c, legal ID, light AC1 from KIHT 96.3 225/362

0409 KKFI 90.1 MO Kansas City, ID in t pgm, obliterating WTSG 225/362

An Es opening (however brief) was noted on June 29, seeing KIII-3 and hearing XHAA 93.1. However, trips into southern MO and northeastern AR masked the MU. I had worked Es into the same area on 50 Mhz on June 27, as well as the Rocky Mountain states, and the Es continued into the morning of June 28, when I worked Vermont on the same band at 1AM. Later, I would finally hear WXAN 103.9 (finally, something via tropo with WALC 104.1 on!), and also another new station on 107.9 with KLTE carrying the Bot Radio Network //KSIV 91.5. Turning the antenna to the west, Kansas City was all over the dial, except for KYYS 99.7 (KTRT was dominant on 99.7, even with KFAV 99.9 on). KOZN 102.1 came in like a local on 102.1. I have decided in favor of a Radio Shack VU-210XR for my new antenna, with the current VU-110 being relegated to local TV duty. I hope to take delivery by the time you read this. 73, Eric (NOUIH)

Dennis Park Smith
3703 Dixon St.
Santa Barbara, CA
93105-2419
(805) 687-7503 PST

Besides a few new California FM loggings noted from Santa Barbara and Wasco of a more or less routine nature, there was also this one, observed on the car radio (moving and parked) on the morning of June 27, between approximately 00 and 0720. It had characteristics of Es, on

89.5, with typical rough fading up and down, good strength, over and under fair Tr signal of KPBS 89.5 San Diego (KPBS is about 185 miles). Programming of this possible Es signal was upbeat r mx in SS, with \$ pilot (KPBS signal was mono). I wasn't around a TV to note if Es was present. I am wondering if there are other TV-FM Es reports then, to be sure if this really was a skip opening. Best of DX to all, Dennis

Gus Mancuso
5615 Inwood St.
Cheverly, MD 20785-1120
(301)773-3072
EDT

This report is from Bartow, FL, where I reported from in 1986-88 and 1990. Best results ever, "good" humidity and one late night directional opening. Many new stations, new translators and frequency changes helped. All listed are new.

6/25 Tr

2330 WDXD 103.3 FL Holly Hill
2331 WHFX 103.3 GA Waycross (freq vacated by WDUV's move to 103.5)

2334 WDUV 103.5 FL Bradenton
2336 WEAZ 88.3 FL Union Park, new stn
2340 WWZR 98.3 FL Arcadia, new stn
2345 WWOJ 99.1 FL Avon Park, x-106.3
2348 WZZS 106.9 FL Zolfo Springs, new stn
2350 WXGJ 105.5 FL St. Petersburg, spot opened when WKZM Sarasota moved to 104.3

2359 W244BE 96.7 FL Brandon, WJIS btrr

6/26 Tr

0634 WCYU 104.9 FL Solana, x-105.3
0635 WMLO 104.9 FL Havana
0700 WMSR 89.1 FL Sarasota
0715 WKRO 93.1 FL Edgewater, new stn
0720 WMMO 98.9 FL Orlando
0724 WYMR 105.7 FL Sebring, x-105.5
0725 WWRZ 98.3 FL Arcadia, new stn
0725 WHKR 102.7 FL Rockledge, new stn
1220 WGUL 93.7 FL Vero Beach, x-93.5
1411 WLVL 96.7 FL Holmes Beach, new stn
1450 WQNU 105.5 FL Naples

1610 WLWU 97.1 FL Holiday, x-106.3
1859 WKZM 104.3 FL Sarasota, x-105.5
1900 WJST 106.3 FL Fort Myers Villas, previously blocked by 3 stns which changed frequency

1901 W242AK 96.3 FL Lakeland, WJIS btrr
1940 ??? 89.5 FL ??, WEAZ btrr

1947 WZMQ 106.3 FL Key Largo, SS, not sure on this one, ID'd very fast, mentioned simulcast with 3 other stns, one of which was AM

1952 WSRZ 106.5 FL Sarasota, x-106.3
1954 WGUL 96.1 FL New Port Richey, x-105.5
2000 WBBE 94.7 FL Gifford
2030 W291AG 106.1 FL Highland City, WJIS btrr
2100 WLAZ 88.7 FL Clermont, SS

6/27 Tr

0010 WSKY 97.3 FL Micanopy, null on adj WPCV, all medical format
0642 WQOL 103.7 FL Vero Beach, "Rock 104"

August 1998

Southern FM DX

Mancuso continued

0700 WKAT 105.1 FL Panama City, "Kat Country," null on Orlando
0715 WWDO 99.7 FL Vero Beach, null on adj St. Petersburg, x-101.7
0720 WSTS 100.9 NC Fairmont, best catch of the trip!
0730 unID 104.1 ??, "The Way," or "Wave," probably WYAV SC considering above 100.9

6/28 Tr

0001 WQLC 102.1 FL Watertown
0054 KCIL 107.5 LA Houma
0056 WSRX 89.5 FL Naples, "Praise FM"
0102 WPCS 89.5 FL Pensacola
2125 WDVG 104.1 AL Atmore

6/29 Tr

0041 WAHV 106.5 AL Bay Minette, null on Sarasota
0100 WPCF 100.1 FL Panama City
0121 WJUS 96.5 FL Fort Walton Beach, null on Orlando

0129 WILN 105.9 FL Panama City, "Island 106," null on DeLand
0130 WSEB 91.3 FL Englewood
0200 WJBX 99.3 FL Fort Myers
0210 WMAH 90.3 MS Biloxi, Haines City local off

0211 WXAH 105.7 AL Ocean Beach, null on Sebring, "Sunny 105.7"
0315 WMTU 93.5 FL Port St. Joe, null on adj Tampa, classic r

0320 WKSY? 106.1 LA ??, sounded like "WKSY Monroe-New Orleans" but they are hundreds of miles apart!
1995 Atlas shows KMMY Monroe on 106.1.

0325 WNFB 94.3 FL Lake City, "Mix 94.3"
Above opening surprising considering humidity drop.

6/30 Tr

0853 WNDD 95.5 FL Silver Springs
0900 WGNE 98.1 FL Titusville
Great reception, hope to move into FL state stats with next trip.

Keith D. Pugh
227 Martin St.
New Hope, AL
35760
CDT

McIntosh MR-78, Channel Master Stereo Probe 9 at 30'

6/23 Gw

1830 WYAM 105.7 AL Addison, \$, new to the air

5/1 Es

1345 unID 93.1 ?? ??, Mexico

5/15 Tr

1709 WZLZ 106.7 KY Reidland, rp, ID 210
1725 WNRZ 91.5 TN Dickson, dual ID w/WNAZ 89.1 121
1739 WMJL 102.7 KY Marion, k 215
1745 KPBQ 101.3 AR Pine Bluff, ID 321
1759 KASU 91.9 AR Jonesboro, ID 259
1812 WFGE 103.7 KY Murray, "Froggy 103" 180
1945 KHTX 107.1 AR Marion, s 221

5/16 Tr

0358 WKQQ 100.1 KY Winchester, op, ID 268
0411 WBZX 99.7 OH Columbus, "The Blitz" 418
0421 WKOV 96.7 OH Wellston, local ad 382

August 1998

5/17 Gw

1630 W287AD 105.7 AL Hartselle, WEUP xtr
5/18 Tr

1244 WAMJ 107.5 GA Roswell, r&b, "Magic 107.5" 71

5/18 Es

1821 XHAAA 93.1 TM Reynosa 918
1824 KUNM 89.9 NM Albuquerque 1150
1821 KWBI 91.1 CO Morrison 1080
1830 KALQ 93.5 CO Alamosa 1107
1836 KYOG 98.5 CO Denver 1086
1843 XHEC 91.9 CL Sabinas, city ref 985
1846 XHDLO 88.9 TX Nuevo Laredo 916
1850 KROM 92.9 TX San Antonio, "S Latino" 653
1856 KBNL 88.9 TX Laredo, "R. Manantial" 915
1904 XHNOE 91.3 TM Nuevo Laredo
1922 KACC 89.7 TX Austin, op, ID, \$ 628
1925 KZFM 95.5 TX Corpus Christi, "Hot Z-95" 800
1934 KUWR 91.9 WY Laramie, nx, wx 1146

5/21 Tr

0434 KSBJ 89.3 TX Humble, g, ID, local WLRH Huntsville off 605

0434 KHFI 96.7 TX Georgetown, r, ID 710

0436 WFMN 97.3 MS Flora, Art Bell 268

0439 KJFK 98.9 TX Lampassas, Art Bell 727

0440 KNON 89.3 TX Dallas, ID 610

0455 KQID 93.1 LA Alexandria, "Q93" 416

0500 KBHT 93.5 TX Crockett, r, ID 571

0500 KQXX 98.5 TX McAllen, SS, ID 911

0507 KPKS 99.5 TX Brownsville, "Due Pasa" 892

0508 KBFM 104.1 TX Edinburg, "B-104" 903

0512 KBTZ 107.5 TX Lake Jackson, "The Buzz" 653

0516 KIWW 96.1 TX Harlingen, "Tejano 96"

0534 KKTJ 97.1 TX Cleveland, "97 Talk," Houston ref, mono 858

0542 XHMZI 91.1 CL Melchor Muzquiz

0544 XHAAA 93.1 TM Reynosa, "\$ Tam" 918

0549 XHRT 95.3 TM Reynosa

1312 unID 90.7 ?? ??, "Red River Radio," c (KLSA Alexandria LA-JZ)

1315 WTIX 94.3 LA Galliano, ro, ID 380

1319 KRBE 104.1 TX Houston 619

1329 WCKW 92.3 LA Laplace, "Rock 92.3" 390

1335 XHVCH 107.1 TM Matamoros, "Super Estelar" 892

1353 KBTE 102.3 TX Rockport, s, "The Beat" 774

1407 WEEZ 99.3 MS Heidelberg, "Gospel 99" 236

1420 KWYX 102.7 TX Jasper, k, ID 508

1424 KNOE 101.9 LA Monroe 357

1530 unID 91.1 ?? ??, McAllen ref, SS, L, \$

1855 KIXB 103.3 AR El Dorado, "Kix Country," local ads 371

1900 KTXN 98.7 TX Victoria, SS, ID 739

1906 KQXY 95.3 AR Camden, area ads, "Y-95" 374

1926 KBXX 97.9 TX Houston, s, "97-9 The Beat"

5/22 Tr

0415 unID 105.3 ?? ??, "Nashville 95," btr?

1325 KPLX 99.5 TX Fort Worth 641

1346 KSYG 103.7 AR Little Rock, "Talk 103.7" 333

TALK103.7
THE SIGNAL

1349 KOOL 94.9 AR Maumelle 340

1350 KKDA 104.5 TX Dallas, "K104" 610

1408 KQXX 98.5 TX McAllen 911

1408 KIWW 96.1 TX Harlingen, SS 887

5/23 Tr

0414 KUT 90.5 TX Austin, c, ID 725

0416 KEOM 88.5 TX Mesquite, ID 599

0422 KDXT 106.7 TX Granbury, "Estereo Latino" 672

0430 KYNG 105.3 TX Dallas 610

Southern FM DX

Pugh continued

0433 KOOL	106.5	TX	Jacksonville	543
0435 KYUL	105.5	TX	Harker Heights, "Cool 105.5"	696
0441 KWRW	97.7	TX	Rusk, o, "CD-97 FM"	540
0444 KHFI	96.7	TX	Georgetown	710
0452 KNUE	101.5	TX	Tyler	535
0500 KITT	93.7	LA	Shreveport, "Cat Country"	446
0504 KXFE	106.9	AR	Dumas, k, ID	294
0508 KRVL	94.3	TX	ID 806	
0521 KBHM	93.5	AR	Monticello, ID	314
0535 KZPS	92.5	TX	Dallas	610
0540 KLJT	102.3	TX	Jacksonville, "KLJT, New Light," g. mono	543
0545 KSMG	105.3	TX	Seguin, "Magic 105.3"	874
0550 unID	104.3	??	??, Georgetown ref, o, o/local WZYB Athens	
5/24 Tr				
0429 XHMZI	91.1	CL	Muzzquiz	
0432 KJFK	98.9	TX	Lampassas	727
0437 KEYI	103.5	TX	Austin	725
0448 KTUX	98.9	TX	Carthage, "99X"	487
0448 KISS	99.5	TX	San Antonio, "99.5 KISS"	792
0451 KXKZ	107.5	LA	Ruston, "Kicks 107.5"	385
2054 WKES	91.1	FL	Lakeland, g, ID	519
5/25 Tr				
0323 WBVM	90.5	FM	Tampa, g	511
0325 WMPX	103.5	FL	Callaway, "Magic 93.7"	244
0341 WNFB	94.3	FL	Lake City	371
0349 WDRK	107.9	FL	Panama City, ID	305
0404 WTMG	101.3	FL	Williston, ID	425
5/26 Es				
1548 XHXL	91.7	NL	Monterrey, ads (Monterrey FMs to 107.7)	1033
1549 XHRP	94.7	CL	Saltillo	1077
1555 XHAAA	93.1	TM	Reynosa	918
1558 XHOX	95.3	TM	Tampico, "Estereo Vida"	1099
1559 KGBT	98.5	TX	McAllen, SS, ID	911
1602 XHVCH	107.1	TM	Matamoros	892
1603 X—	92.3	TM	Rio Bravo, "Radio Tamaulipas"	915
1610 KRYS	99.1	TX	Corpus Christi, o/local WAHR	
1614 KLUX	89.5	TX	Huntsville	800
1614 KVLT	92.3	TX	Robstown, ID	813
1624 KVRT	90.7	TX	Victoria, "90.3 & 90.7, south Texas public radio," phone # 800-307-KEDT	
1628 KYKR	95.1	TX	Beaumont, ID	545
1633 KTFX	97.5	TX	Kingsville, k, ID	834
1638 KAJA	97.3	TX	San Antonio, "KJ97"	
1639 KRNH	95.1	TX	Comfort, k, ID, o/local WNDA	
1640 KNCN	101.3	TX	Huntsville	791
1640 KTFM	102.7	TX	Sinton, "C101"	653
1644 KTDR	96.3	TX	Del Rio	922
1646 KKBA	92.7	TX	Kingsville, r, ads	
1649 KXTN	107.5	TX	San Antonio	
1654 KLTQ	101.7	TX	Temple, Waco ad	679
1658 KUT	90.7	TX	Austin	725
1704 KFST	94.3	TX	Fort Stockton, nx	991
1707 KSTV	93.1	TX	Dublin, ads, ID	
1711 KPTX	98.3	TX	Pecos	1014
1715 KCRS	103.3	TX	Midland	923
1719 KTZA	92.9	NM	Artesia, "KZ93"	1041
1928 KAHO	93.5	TX	Junction, //co-owned KMBL AM 1450	828
1929 KAFF	92.9	AZ	Flagstaff, "92 KAFF"	1432
1930 KMGN	93.9	AZ	Flagstaff, op, ID	
1932 KQST	102.9	AZ	Sedona, ID	1441
1935 KZEP	104.5	TX	San Angelo, "K-ZEP"	
22 KWMX	96.7	AZ	Williams, "Cool Oldies 96.7,"	

August 1998

1942 KTEG	107.9	NM	Albuquerque, "The Edge"	1150
1950 KWYK	94.9	NM	Aztec	1222
1955 KIOT	102.5	NM	Los Lunas	1156
1956 KSFR	90.7	NM	Santa Fe	1130
2008 KFQX	102.7	TX	Merkel	797
2021 KODM	97.9	TX	Odessa	942
2025 KNFM	92.3	TX	Midland	
2030 KZYA	92.1	AZ	Holbrook, "Z92"	1350
2123 KOYE	94.9	TX	Laredo, "Y95"	915
2129 KSII	93.1	TX	El Paso	1178
5/1 Es				
1412 KEZO	92.3	NE	Omaha, "Z92"	698
1421 KYKA	93.1	SD	Yankton, k, ID	827
1423 KPSD	97.1	SD	Faith	1102
1426 KLND	89.5	SD	Little Eagle, local ref, EE and Indian language	
1427 KLXS	95.3	SD	Pierre	1008
1448 KYYA	92.9	ND	Bismarck	1134
1642 WBRN	100.9	MI	Big Rapids, ID	635
1645 WMJK	100.9	MI	Pinconning, local ads, "Magic 101 & 104.5," o	657
1648 WMJA	104.5	MI	Saginaw, ads, "Magic," //	100.9 WMJK 628
1630 WTLZ	107.1	MI	Saginaw, ads, "Jam FM"	
1652 unID	106.3	??	??, "Sunny 106.3"	
1653 WKLA	106.3	MI	Ludington, ID	651
1656 WSUE	101.3	MI	Sault Ste. Marie	834
1657 WKZC	94.9	MI	Scotsville, ID	651
1659 WHML	95.7	MI	Marquette, g, ID	832
1708 WGLO	97.1	MI	Escanaba	776
1712 CBOQ	103.3	ON	Ottawa, city ref	941
1718 WHIC	97.9	MI	Newberry, ads, "Hot New Country, 97.9"	818
1723 WCYI	93.9	ME	Lewiston, ID	1089
1727 WCLZ	98.9	ME	Brunswick, ID	1093
1729 WSKQ	97.9	NY	New York, SS	801
1736 WGRC	91.3	PA	Lewisburg, "WGRC Christian Radio"	
1737 WTHK	93.5	NY	Hudson, "Thunder Country"	867
1740 WFCC	107.5	NY	Chatham, c	1021
1742 unID	99.7	??	??, "Zed FM," FF, \$	
1745 WQBJ	103.5	NY	Cobleskill, area ads, "The Edge 103.5 & 103.9"	855
1750 WBSQ	102.5	NY	Bridgehampton, r, ads	888
1752 WBLM	102.9	ME	Portland	1069
1754 WCTK	98.1	MA	New Bedford	974
1755 WWBB	101.5	RI	Providence, "B101"	
1758 WIZN	106.7	VT	Vergennes, ID	968
1800 WSMU	91.1	MA	North Dartmouth, ID	
1802 WBSU	89.1	NY	Brockport, ID	753
1818 WDRQ	93.1	MI	Detroit, "93-1 DRQ"	569
1825 CKBW	93.1	NS	Shelburne, k	1297
1825 CKBW-1	94.5	NS	Liverpool, k	1332
1835 WHYI	96.3	MI	Detroit, "Planet 96"	
1848 CHAY	93.1	ON	Barrie, mm, ID	771
1900 CKGN	89.7	ON	Kapuskasing, p, \$, ID	1048
1952 WJBL	93.1	WI	Ladysmith, DI	797
1953 unID	96.7	??	??, Dells WI mention, "Hot Rock"	
1954 WYTE	96.7	WI	Whiting, k, ID	708
1958 KTCO	98.9	MN	Duluth, ads	898
2000 KTIS	98.5	MN	Minneapolis, ID	808
2000 WTBX	93.9	MN	Hibbing, "Mix"	953
5/13 Es				
1351 KING	97.9	WY	Cheyenne, ID	1104
1354 KMUS	101.9	WY	Burns, "Moose Country"	1082
5/14 Es				
1744 CFQR	92.5	PQ	Montreal, ads, "Q92"	1018
1759 CBM	93.5	PQ	Montreal, "CBC Radio 2"	
1801 WAVX	106.9	ME	Thomaston, wx	1133
1810 WKL	102.3	NH	Concord, nx	993

Southern FM DX

Pugh continued

1812 WHRL	103.1	NY	Albany, ID	884
1812 WMCM	103.3	ME	Rockland	1137
1815 WRVE	99.5	NY	Schenectady, ID	884
1825 WTKW	99.5	NY	Bridgeport, op, "TK99 & TK105"	818
1825 WQSE	91.1	NY	Corning, ID w/co-owned WSKG	730
1832 WOKO	98.9	VT	Burlington, ID	983
1834 WOLF	96.7	NY	Oswego, //WOLF AM	957
1839 WTKV	105.5	NY	Oswego, //99.5 "TK99 & TK105"	
1845 unID	104.5	??	??, "Variety 104.5," Seaway valley ref	
1853 WSNU	92.1	PA	Lock Haven	668

August 1998

From the Editor



Way to go, y'all! Looks like you've been getting some DX despite the poor conditions. So far it looks like a toss-up with last year and 1996 for the worst we've seen in a while. Hopefully traps this month and September will make up for it.

Remember- the Perseids meteor shower is this month from the 9th thru the 14th. It's usually the best shower of the year, and may well make your local news it's so big....at least it does here.

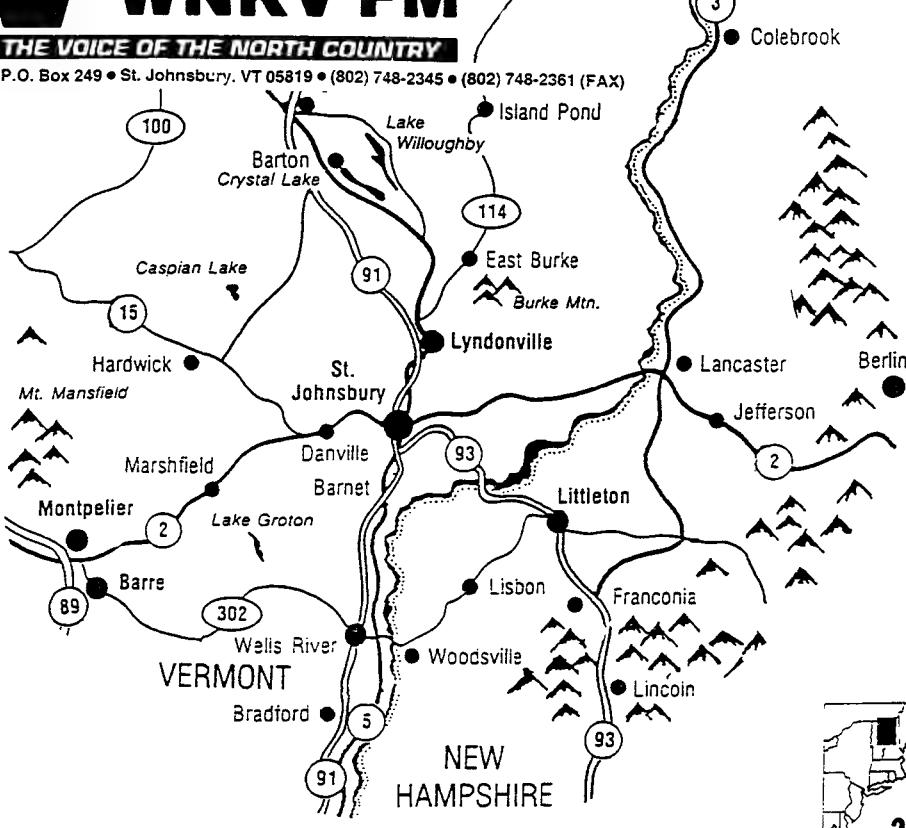
Thanks for your support of SFM, and keep those reports coming!



**105.5
WNKV FM**

THE VOICE OF THE NORTH COUNTRY

P.O. Box 249 • St. Johnsbury, VT 05819 • (802) 748-2345 • (802) 748-2361 (FAX)



EASTERN TV DX

August, 1998

LOCAL TIME UNLESS OTHERWISE NOTED

Skip has been excellent with more double hop for Bob Seybold, Roy Barstow and myself.

Bob Seybold, 1865 W. Main Rd., Silver Crest, NY

Here's my report for the month of June, 1998. It has been a great month for E-skip here. I have been able to watch dials frequently this month and have seen a lot of E-skip. Some high band tropes but not much UHF seen as UHF amp has been broke all month and not yet replaced. That will be taken care of soon. E-skip was seen on 20 of 29 days with at least 5 major openings. June 1, 12, 25, 27 were great with 2 occasions of double hop, one opening on 27th going as high as Channel 8. On 27th in evening, there was E-skip from Louisiana to Dakota at some time. Some openings were so massive that ID's were nearly impossible as there was scramble for stations to be dominant. Now report:

June, 1998

June 1 - mid morning to evening with a few breaks. Florida on 2-6; Georgia low band; Mississippi - WLBT 3 and others; Alabama; Louisiana, Arkansas, Texas (very heavy east, central, south) Oklahoma 2, 3, 4, 5, 6; Kansas 2, 3, 4, 5, 6; Nebraska; Dakota's; brief Wyoming 4 Colorado; FM loaded; June 3 & 4 - short openings. 1700-2300 - Texas, Louisiana, Arkansas, Oklahoma mostly channels 2, 3, 4, brief 5 & 6; June 5 - 11 - not much in period - spotty E-skip channels 2 & 3; June 12 - excellent opening starting at 0700 or earlier, all channels 2-6 - several deep listed nearly all day with brief breaks. Florida to Texas (very heavy Texas & Louisiana, also Oklahoma, Kansas, Missouri & Nebraska - heavy into channel 6, FM good; June 13 - another good opening heavy into Dakotas & Canadian border; Colorado & Wyoming all channels 2-6; Texas - especially Bryan, Houston, Dallas area; June 14 - good again - Florida, Georgia especially good channel 2-6, some Gulf Coast into eastern Texas;

June 15 - Dakotas, Nebraska, Kansas - evening June 16 - big opening - spreading around and moving from Florida to Dakotas - mid-day, into evening heavy into channel 6 and FM. June 17-24 - some E-skip on all days but no massive openings in this period - most occurred 1000-1200 and after 1800. June 25 - terrific opening, especially 1000-1300 and

Russell Miller
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email address - estvdx@ainop.com

again after 1700 - Florida, Georgia & Gulf Coast -

Texas even into west Texas; Oklahoma, Kansas, Nebraska, Missouri ending in Dakota. Channels 2-6 June 26 - some E-skip - busy that day June 27 - best of month - day long opening - reaching channel 8 - (Dallas) also double hop into Idaho and Montana channels 3 & 4; at one time Louisiana & Dakotas in at same time - locals 2 & 4 completely wiped out; at one time saw channel 2 Buffalo wiped out on cable; signals very strong, ID's difficult - channels many deep - FM super. June 28-29 - some skip especially after 1600 - Kansas, Nebraska, Oklahoma, northern Texas, Dakotas. Tropes up at times during month - nothing super 400 miles limit. 73's Bob

Roy Barstow, P. O. Box 2488, Teaticket, MA 02536

Equipment: CM1110-VHF-25' A.G., CM Titan II amp. .875 Hardline. 2-Sel. CH-5-6
Ants. Vert. 15' on shed - spaced 13' apart, w/rotor.
2-CH-2-3 10 El. ants. on house 20' high, .750 Hardline, 7' Dish. RDX Labs amp. .750 Hardline, 30' A.G.

May, 1998

26 Es	1700-1740	<u>RCTV</u>	2	Ven	2,275
	Radio Caracass				
1715-1740	<u>RCTV</u>	3	Ven	2,275	
	Radio Caracass				
27 Tr	0700	WHRO	15	VA	450
	WTVZ	33	VA		450
	2100	WXLV	45	NC	685
	UP for 15 min.				
30 Tr	2000	WFYL	8	NC	580
	WYDO	14	NC		562
	2030	W35BH	35	VA	400
	WUNJ	39	NC		660

June, 1998

01 Es	1950	WDAF	4	MO	1270
	2000	KCTV	5	MO	1269
		KIMT	3	IA	1035
	2015	WCBI	4	MS	1132
	2030	KUSD	2	SD	1385
	2045	KGAN	2	IA	1091
	2100	KSDK	5	MO	1060
		KDLT	5	SD	1361
11 Es	1300	<u>CBIT</u>	2	NS	587
		- Off. Local Furniture Ad			

14 Ms	0223	KMTV	3	NE	1311
		Flash Flood Warning R/S			
0315		KMTV	3	NE	1311
		America's Store Call/Logo U/R			
0501		WSIL	3	IL	1007
15 Es	1735	KETS	2	AR	1268
	1743	KYTV	3	MO	1226
	1755	WREG	3	TN	1127
	1810	KARK	4	AR	1272
	1820	WEAR	3	FL	1209
	1830	WTVF	5	TN	941
	1835	KFSM	5	AR	1344
	1900	<u>WPSD</u>	6	KY	1024
		Only on verticles			
	1905	WMC	5	TN	1130
	2000	WWAY	3	NC	660
	2015	WUND	2	NC	500
		WCBD	2	SC	777
	2020	KTBS	3	LA	1416
19 Es	1100	C—	2	CBC English	
		On tape - off back of ant. SW			
		Children program - a square with a C inside - plus a star on top of C!!			
		(Canada ratings RM)			
28 Es	2200	WAGA	5	GA	921
	2230	KCTV	5	MO	1269
	2300	KJRH	2	OK	1396
	0000	WBAY	2	WI	898
29 Es	0030	WDTN	2	OH	726
	0148	KDLH	3	MN	1120

Many thanks to Russ Miller for the phone call tip of 2 Es to Ven. The period from May 15 to June 15 has been weird and exciting. During this period I have logged my longest VHF Tr, most distant low power TV, longest Es and also shortest Es. The 2 Vert. Ants. for Es help a lot. Some stations are in on them and not on the CM1110. It seems when there is thunderstorms in the Caribbean Sea, that is when to try to 2 Es to Ven. This could even happen in the north sea for 2 or 3 Es to Europe.

Harry J. Hayes, 9 Henry St., Wilkes-Barre, PA 18702 (EDT)

Equipment: VHF: ch 2 and 5 switchable Quad loop, Radio shack amp UHF: 6ft. screened dish w/RDX Labs UA901 amp in attic and Zenith Sentry II, 1991 model

May, 1998

31 Es	1955	WEDU	3	FL	Tampa
	2101	WREG	3	TN	Memphis

June, 1998

01 Es	1800-2015+ Intense skip	2-6 (Too busy w/FM)			
13 Es	2313	KPRC	2	TX	Houston
15 Es	1915	KARK	4	AR	Little Rock
28 Es	1025	WWL	4	LA	New Orleans
		KFSM	5	AR	Ft. Smith
		KARK	4	AR	Little Rock
		KQTV	2	MO	St. Joseph

A very busy work schedule with the home based business precluded me from doing too much Dxing this month. The best openings were on 6/1 and 6/28 No tropo this month to speak of, just too many thunderstorms.

Eric Voytko, 1721 Dalewood Place, McLean, VA 22101 evoytko@erols.com

Equipment: Home: UHF-2)Broadside-stacked RS U120/Vinegar PA-4975/RG-11 VHF-RS V185/RG-11, 1982 Sylvania turret-tuner

Work: UHF-CM 6'chicken wire screened dish/RDX UA900/RG-11 VHF-CM Quantum 1110/RG-11, Icom R7100 and Sony KV-8 (Approximately 7 air miles between these locations)

May, 1998

24 Es	2026	WLBT	3	MS	ID	870
	2029	KBTX	3	TX	ID	1210
25 Es	2133	WLBT	3	MS	Wx map	870
31 Es	1742	KDLO	3	SD	CMN telethon	1100

June, 1998

01 Es	1718	KDLO	3	SD	ID	1100
	1813	KBSD	6	KS		1260
		KWCH-12 news				
	1827	unID	6	CBS	"The News on 6"	
	1854	muf 105.5				
	1914	WDAY	6	ND	ID	1160
03 Es	1350	KSNW	3	KS	KSN news	1110
	1400	KSWK	3	KS	ID	1300
	1400	KSNC	2	KS	ID	1160
05 Es	2100	KOTA	3	SD	ID	1390
08 Es	1944	KSNW	3	KS	KSN News	1110
21 Es	0800	WPBT	2	FL	ID	910
22 Es	1300	<u>WISC</u>	3	WI	ID/news	680
	1300	KIMT	3	IA	ID/news	880
24 Es	1100	KYTV	3	MO	ID	870
	1130	KLNE	3	NE	Neb.PTV	1190
	1130	KOET	3	OK		1030
		OETA audio ID				
	1155	KFDX	3	TX	ID	1240

Despite limited DX time, so far both tropo and Es seem way down this year. June 1 was the best Es day based on MUF and intensity.

Keith Smith, 24900 Field St. #49, Flat Rock, MI 48134 (734)783-5334 email: wvgmradioproject@hotmail.com

May, 1998

30 Tr	2246	WICU	12	PA	Erie
		WILX	10	MI	Onondaga
		WJW	8	OH	Cleveland
		WEWS	5	OH	Cleveland
		WUAB	43	OH	Lorain
		WOIO	19	OH	Shaker Heights

WESTERN TV-DX

August 1998

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.sri.com
(650)851-7031

26	WCVN	54 KY	Covington	230	22 Es	0811 WBBM	2 IL	1022
27 Es	1335 XEFB	2 NL	Monterey	1075	0814 KGAN	2 IA	1214	
1345 KIII	3 TX	Corpus Christi	861	0845 WCIA	3 IL	1103		
28 Es	0745 WFSB	3 CT	Hartford	848	0857 KSDK	5 MO	1246	
units to ch 6 Northern Ontario in on FM				1204 WSBTV	2 GA	1213		
29 Es	0842 KGFE	2 ND	Grand Forks	982	23 Ms	0833 unlD	15Z KY or WI	
"Prairie Public TV"				Es 0850 KDKA	2 PA	718		
29	0842 CBWFT	3 MB	Winnipeg	1060	0900 WAVE	3 KY	1057	
SRC logo and French				0900 WDTN	2 OH	932		

NOTE #1: At this time, I saw a promo on WKNO-TV [10], promoting WREG [3] newscasts on WKNO-FM... Guaranteed to confuse both types of Dxer!

NOTE #2: Also, most other LPTVs within 200 miles. Local WPGD [50] was completely gone, totally buried by WFBI at 175 miles. WMC [5] Memphis was briefly over my closest local, WTVF (18 miles); there was heavy CCI on WUXP [30] (same site as WTVF), WBKO [13] at about 70 miles was in color on the UHF antenna (which usually can't even get locals on VHF!), and a 180-mile FM station overrode 20-mile local WSM-FM. Amazing intensity to this opening.

NOTE #3: The most intense enhancement ever noted. W28AL's signal was briefly snow-free. And on the car radio on the way home from work, I heard 100+ mile DX stations on frequencies adjacent to 100KWF locals - on 105.7, 200-mile KPNT was heard while driving past the 105.9 tower!

WBZY [40] is running much lower power than the listed 4680KWF. It was about the same strength as W57CG...

Russell Miller, HC 61, Box 86B, North Amity, ME 04471-9622

June, 1998

12 Es	2100 WCBD	2 SC		1111	1902 WYFF	4 SC	1080	
	2113 WJXT	4 FL		1311	1910 WBAY	2 WI	985	
13 Es	1825 WFMY	2 NC		920	1910 IBT CKPR	2 ON TBT 2/5	7019	
	1837 WCBD	2 SC		1111	Showing WRTV 6 NXS WTTV & 782-4444 in sync bar			
"Record Temperatures"					28 Es	0815 WSJK	2 TN	1027
	1902 WYFF	4 SC		1080	0820 WSBTV	2 GA	1213	
	1910 WBAY	2 WI		1111	0900 WEARTV	3 FL	1499	
	1910 IBT CKPR	2 ON TBT 2/5			0909 WJXT	4 FL	1311	
15 Es	1730 WMAB	2 MS		1426	1419 WDTN	2 OH	932	
	2024 WCBD	2 SC		1111	1554 KGAN	2 IA	Tornado warnings	
16 Es	0848 WESH	2 FL		1359	1557 WOITV	5 IA	Tornado warnings	
	2030 WESH	2 FL		1359	1630 WSJK	2 IN	1027	
18 Es	2214 WBBM	2 IL		1022	1954 WJBK	2 MI	792	
	2326 WFMY	2 NC		920	1955 WDTN	2 OH	932	
19 Es	0826 WCBD	2 SC		1111	1955 WCIA	3 IL	1103	
	0840 WUND	2 NC		816	1957 WTTV	4 IN	1018	
20 Es	1500 KGAN	2 IA		1214	2048 WAVE	3 KY	1057	
	1502 KTCA	2 MN PBS minus			2100 WKRN	2 TN	1194	
	1520 KGFE	2 ND Z PBS		1384				
	1602 WKAQ	2 PR in 4 mins.		1898				
	1624 WMARt	2 MD						
	Comcast 410 area code							
	1729 WKAQ	2 PR in 1 min.		1898				

Southern-Ca coastal tropo (to San Diego/Tijuana, 200 mi/320 km) was mediocre, as the hot inland (away from ocean vicinity) temperatures have been late coming this year.

Dennis Park Smith, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

This report is for June 1998, any times are PST.

Even with regular (though not constant) observation, there was almost no Es noted in June. While in Wasco on June 5-7, only this was seen: Jun 6 Es 0756 Ch 3 approx 5 seconds, V & A Good Es 0805-0820 Ch 2 in & out, V & A very Good

Sometimes severe weather conditions, including tornadoes coincide with Sporadic-E openings, but perhaps not this year. The only other possible Es was on June 27 on FM. See Southern FM-DX for details.

June 1: Fair, improving to good
June 2: Poor, down to very poor (cooling)
June 3: No tropo, improving to very poor
June 4-5: Very poor
June 5-7: [Out of town] In Wasco
June 7-12: No tropo (some rain June 12)
June 13-19: Variably poor (increased heating inla
June 20-22: Variably fair
June 23-27: Variably poor (heating slacked off)
June 28-30: Variably fair (more heating).

Western TV DX

Fernando Garcia, San Salvador 415, Rincon de la Sierra, Cd Guadalupe, NL, 67181 MEXICO

Sony KV-27EXR15, Screened CM 7dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

June 1 CDT

0200 KADN 15 LA Lafayette 586

WPMI 15 AL Mobile 838

KLTL 18 LA Lake Charles 548

WHNO 20 LA New Orleans 688

KLPB 24 LA Lafayette 567

WGNO 26 LA New Orleans 694

WLFB 27 LA Baton Rouge 638

K30EM 30 LA Houma 644

WBHR 33 FL Pensacola 838

KWBJ-LP 39 LA Morgan City 618

WCCL 49 LA New Orleans 688

WUPL 54 LA Slidell 705

K59DG 59 LA New Orleans 688

KLAJ-LP 62 LA Opelousas 600

K66FI 66 LA Opelousas 599

W58BO 58 MS Natchez 670

WDBD 40 MS Jackson 754

WAPT 16 MS Jackson 754

K69HD 69 LA Church Point 586

K46DG 46 LA Lafayette 587

KXTX 39 TX Dallas 518

KDTX 58 TX Dallas 518

K67GL 67 LA Bunkie 614

K47DW 47 LA Alexandria 611

WVLA 33 LA Baton Rouge 633

W36AC 36 MS Mccomb 710

K61GO 61 LA Hicks 581

0230 K55HA 55 LA New Iberia 596

KFXK 51 TX Longview 557

KETK 56 TX Jacksonville 532

KAJN-LP 40 LA Lafayette 586

W29BH 29 MS Biloxi 757

WXXV 25 MS Gulfport 764

K19DM 19 LA Alexandria 611

K65FV 65 LA Crowley 572

0300 K49DE 49 LA New Iberia 596

K51EC 51 LA Lake Charles 532

0545 WMPV 21 AL Mobile 842

WEIQ 42 AL Mobile 825

WMAH 19 MS Biloxi 770

WNOL 38 LA New Orleans 694

KVHP 29 LA Lake Charles 530

0600 KFWD 52 TX Fort Worth 522

WLTZ 38 GA Columbus 1036

WXTX 54 GA Columbus 1037

WGMB 44 LA Baton Rouge 633

W47BP 47 MS Hattiesburg 766

WIIQ 41 AL Demopolis 877

0645 WMGT 41 GA Macon 1115

WPGA 58 GA Perry 1115
W52BF 52 AL Mobile 818
WLA 32 LA New Orleans 694
W45AA 45 MS Columbia 739
WMWA 14 MS Meridian 807

0700 WABM 68 AL Birmingham 966
WIAT 42 AL Birmingham 969
WTTO 21 AL Homewood 969
WCFT 33 AL Tuscaloosa 924
WGBC 30 MS Meridian 834

KLPA 25 LA Alexandria 619
WTLX 27 FL Tallahassee 1031

0715 KPXD 68 TX Arlington 518
WFSG 56 FL Panama City 929
WPAN 53 FL Fort Walton B. 869

2130 WTWC 40 FL Tallahassee 1030
WTLX 27 FL Tallahassee 1031

June 2 0245 KLAX 31 LA Alexandria 618
W39BP 39 FL Pensacola 859
WMDN 24 MS Meridian 834

K56DR 56 LA Baton Rouge 633
KASN 38 AR Pine Bluff 772

0300 KLRT 16 AR Little Rock 782
WFBI 50 TN Memphis 904

K65CE 65 LA Shreveport 615
W63BK 63 MS Meridian 834

0345 WMAU 17 MS Bude 697
KSHV 45 LA Shreveport 616

W38BU 38 AL Moody 988
WMAO 23 MS Greenwood 788

WJSU 40 AL Anniston 992
WTJP 60 AL Gadsden 998

0600 WSWS 66 AL Opelika 1023
WHOA 32 AL Montgomery 928

0615 WFQ 36 AL Florence 964
WFXL 31 GA Albany 1066

0645 W50CF 50 AL Mobile 817
0700 WMCF 45 AL Montgomery 965

0715 WGIQ 43 AL Louisville 987
WAIQ 26 AL Montgomery 959

WCOV 20 AL Montgomery 958

June 3 0230 KHSX 49 TX Irving 518
KDFI 27 TX Dallas 518

0330 KLDT 55 TX Lake Dallas 544
0615 WFTX 36 FL Cape Coral 1142

WSCV 51 FL Fort Lauderdale 1242
WYHS 69 FL Hollywood 1242

WDLZ 39 FL Miami 1243
WBFS 33 FL Miami 1242

0630 WHFT 45 FL Miami 1244
WLTV 23 FL Miami 1242

0645 WOPX 56 FL Melbourne 1189
0700 WBBH 20 FL Fort Myers 1144

June 4 0300 KLDT 55 TX Lake Dallas 544
0615 WFTX 36 FL Cape Coral 1142

WSCV 51 FL Fort Lauderdale 1242
WYHS 69 FL Hollywood 1242

WDLZ 39 FL Miami 1243
WBFS 33 FL Miami 1242

0630 WHFT 45 FL Miami 1244
WLTV 23 FL Miami 1242

0645 WOPX 56 FL Melbourne 1189
0700 WBBH 20 FL Fort Myers 1144

June 8 0615 KMSS 33 LA Shreveport 615
0645 KVTH 26 AR Hot Springs 739

0615 WXVT 15 MS Greenville 794
0700 WAFA 9 LA Baton Rouge 638

June 10 0615 KMSS 33 LA Shreveport 615
0645 KVTH 26 AR Hot Springs 739

Western TV DX F. Garcia's report continues

0300 WJTC 44 FL Pensacola 842
0330 WDHN 18 AL Dothan 982
0515 WJSP 28 GA Columbus 1057

0615 WETU-LP 39 AL Wetumpka 969

June 11 0230 WPGX 28 FL Panama City 952
WSRE 23 FL Pensacola 857

0245 W41BN 41 AL Dothan 980

0530 WATL 36 GA Atlanta 1104

WMPN 29 MS Jackson 747

0615 W52BC 52 AL Selma 928

0700 WNTZ 48 MS Natchez 670

June 12 2130 WBHS 50 FL Tampa 1116

2230 WTTA 38 FL St. Petersburg 1116

2245 WTEV 47 FL Jacksonville 1179

WJEB 59 FL Jacksonville 1180

June 13 2045 WGFL 53 FL High Springs 1112

WOGX 51 FL Ocala 1123

WRBW 65 FL Orlando 1192

WKCF 18 FL Clermont 1192

WACX 55 FL Leesburg 1180

2200 W69AY 69 FL Alachua 1128

June 14 0145 WFTS 28 FL Tampa 1116

0345 WBSF 43 FL Melbourne 1200

WTGL 52 FL Cocoa 1200

0630 WFGX 35 FL Fort Walton B. 892

WBCC 68 FL Cocoa 1200

WOFL 35 FL Orlando 1191

0700 WVUE 8 LA New Orleans 693

0745 WUPA 69 GA Atlanta 1100

0800 WLMT 30 TN Memphis 901

WPTY 24 TN Memphis 904

0845 WMFE 24 FL Orlando 1191

WUSF 16 FL Tampa 1116

0930 KARD 14 LA West Monroe 659

KMCT 39 LA West Monroe 679

WZDX 54 AL Huntsville 1025

WAAY 31 AL Huntsville 1028

0945 W47BS 47 AL Talladega 996

1015 W46AV 46 MS Pascagoula 783

2030 WTVT 13 FL Tampa 1117

WKMG 6 FL Orlando 1191

local out after a thunderstorm

WWWB 32 FL Lakeland 1135

WGCU 30 FL Fort Myers 1144

2045 WTVK 46 FL Naples 1153

WZVN 26 FL Naples 1153

XHDH 11 YU Merida 780

XHTP 9 YU Merida 780

2100 WAMI 69 FL Hollywood 1242

new calls and goes independent

2115 WRXY 49 FL Tice 1142

WTLH 49 GA Bainbridge 1029

WAWS 30 FL Jacksonville 1179

2145 WWSB 40 FL Sarasota 1108

WJXX 25 FL Orange Park 1163

WJWB 17 FL Jacksonville 1180

WCEU 15 FL New Smyrna Beach 1191
WXPK 66 FL Bradenton 1115

June 15 0030 WBSG 21 GA Brunswick 1171

0100 WWMP 36 SC Charleston 1320

Full ID

WTAT 24 SC Charleston 1331

WTBC-LP 65 FL Tallahassee 1025

0115 WTGS 28 SC Hardeeville 1222

0515 W36AJ 36 FL Jacksonville 1175

0545 WFLX 29 FL West Palm Beach 1238

0700 WPXP 67 FL Lake Worth 1248

WFBC 61 FL Palm Beach 1248

June 16 2200 K65FP 65 LA Baton Rouge 645

strong, o/u K65FV also in strong

KBTR-LP 19 LA Baton Rouge 642

o/u strong WMAH Both with Baton Rouge

today Extremely strong opening to south LA

June 17 0145 K52EV 52 LA Leesville 574

0515 KOPX 62 OK Oklahoma City 705

KSBI 52 OK Oklahoma City 692

0530 KTLC 43 OK Oklahoma City 706

KUVN-LP 31 TX Fort Worth 521

KWHB 47 OK Tulsa 765

0545 KMPX 29 TX Decatur 537

KTAQ 47 TX Greenville 574

KTXA 21 TX Fort Worth 518

0600 KTFO 41 OK Tulsa 766

KWMJ 53 OK Tulsa 766

KYPX 42 AR Little Rock 803

0615 KLTS 24 LA Shreveport 616

0515 KDAF 33 TX Dallas 518

June 21 0615 K22EH 22 TX Longview 568

Zorro, local out

0630 K30EA 30 TX Texarkana 651

0715 K52DX 52 TX Texarkana 651

0800 KTVV-LP 63 AR Hot Springs 782

with WB22 (Little Rock)

High Pressure area over the Gulf and temperatures above normal continued into June allowing the best month of June ever.

Total of 12 days with 1000+ miles tropo. 8 days in a row: June 10-17. Total of 64 (1000+) mostly UHF TV stations were logged:

Alabama 3

Florida 48

Georgia 10

South Carolina 3

Thanks to Jeff Kruszka for helping to ID K22EH and KTVV-LP

73's Fernando

Western TV DX

Randy Miltier-K7RPM, 1185
Linda Ave, Ashland, OR 97520

Equipment: Zenith 19" color with low band ch.2-6 antenna. Zenith 13" b&w with handheld dipole antenna.

June 11 1998 Es PDT
0930 KENW 3 1201

0945 KBSD 6 1240
0958 KRMA 6 923
1001 KSWK 3 1196
1002 KDUHt 4 975
1015 KTWS 3 1016

June 12 1998 Es 1210
1431 KLNE 3 1210
1641 KTVK 3 841

June 13 1998 Es 0825 unID 2 meters open into CO

June 19 1998 ?? 1120 unID 3 nothing on ch. 2 or 6

meters. Two ladies talking about road improvements on West Boulevard.

June 29 1998 Es 0933 KTWS 3
1011 WBAY1 2 1744

N8PJM beacon in from Green Bay on 6m.

1018 unID 2 Promo for the Music Hut 1027 KXMA 2 ND 1027

1030 KGFE 2 ND 1276
1031 KBME 3 ND 1124

1051 KRMA 6 CO 1058 KDUH 4 NE

1100 KLNE 3 NE 1101 KTWS 3 CO

1123 KTVK 3 AZ 1200 KTVQ 2 MT 743

1201 KYUS 3 MT 885
1226 KDKD 3 ID 516

1230 KWSE 4 ND 1015
1247 KBME 3 ND 1305 CHAT 6 AB 791

1315 CHAT 3 AB does this station have a call?

1317 CITL 4 AB 967
1323 CICT 2 AB 731

1325 KHQ 6 WA 445
1339 unID 2 Canada "...on the Super Channel".

1353 unID 5 floater with "Rosie O'Donnell Show"

1353 unID 6 Spanish!
1428 KENW 3 NM

1430 KWGN 2 CO 923
1442 KAMR 4 TX 1235
1502 KACV 2 TX 1235
1528 CFSS 3 SA 1088

with CKOS ID

1532 CKCK 2 SA 1031
1545 KREZ 6 CO 856
1558 KSWK 3 KS 1176
1559 KRMA 6 CO
1600 KLBY 4 KS 1151

with "KAKE News"

1601 KBSD 6 KS 1240
1603 unID 4 mentioned "Vanilla Pass Fire", during news.
1620 KWNB 6 KS "NTV" 1129
1630 KOTA 3 SD 982
1631 KDUH 4 NE

June 29th was probably one of the best days I've had with Sporadic E in many, many years. Sometimes it had a pattern and other times signals were coming from every where. There were many unIDed stations that just didn't make it through the hash. In addition to the TV loggings, I managed double-hop contacts on 6 meters to NH, NY, NJ, MO, MI and Ontario. On the tentative WBAY-2

logging...I called WBAY trying to get some info about their Noon News. I made the mistake of telling the young lady I was in Oregon and that maybe I received their station. Well, she told me there was no way I could get WBAY in Oregon and that was about the end of the conversation. I thought about it, called back the next day and requested a VHS tape of the Noon News....no problem. I'll do my own research. thank you. The N8PJM 6 meter beacon (1 watt) also was in here from the Green Bay area.

The KHQ-6 logging was a surprise at 445 miles. Channel 2 was a mess so couldn't tell if KREM-2 was in.

KOBI-5 in Medford (about 20 miles west) is just tough to get through. I had a couple of floaters but they didn't last long. The Es season prior to this opening has been terrible. The March-like weather just cleared out about June 26th. It snowed on nearby Mt. Ashland (7500 ft) on June 24th!

Mike Cherry, VE7SKA, Box 631 Ganges PO, Salt Spring Is. BC V8K 2W2 CANADA

June 1998 UTC heading
19 Es 1830 KREG 3 CO 120
20 Es 1735 KCNC \$2 CO 120

July 1998 UTC

04 Es 0157 KTVU \$2 CA 170
0200 KCRA 3 CA 170
0243 KTVX 2 UT 165
0319 KVBC \$3 NV 165
08 Es 0159 KNAZ \$2 AZ 160
0212 KTVK 3 AZ 155

Danny Oglethorpe, P.O. Box 6688 Shreveport, LA. 71136-6688
May 22 1998 tr UTC miles
0625 WJTC 44 FL 410
0648 WBHS 50 FL 743
0728 WFTS 28 FL 743
0740 WTOG 44 FL 740
0750 W47BP 47 MS METV 274
0842 WTXL 27 FL 577
0845 WWSB 40 FL ABC40 577
0935 WHOA 32 AL 436
K43DV 43 TX TBN 314
1020 WWWB 32 FL WB32 767
1105 XHOR 14 TAM 503
Azteca 13 floating on KETH
1355 WFTX 36 FL 818
1430 WRBW 65 FL 784
Fighting local W65CE

May 23 1998 tr
Most stations from previous day

0315 WTJ 60 AL TBN 461
WIAT 42 AL 410
0428 WTTO 42 AL 410
0435 unID 34 Box, east
0450 WTGL 52 FL 826
0510 WJSU 40 AL ABC3/40 468
WBSF 43 FL 840
0515 WPXM 66 FL 752

0603 unID 52 Weather Station promo; east

0620 WBSV 62 FL 771
0640 WEAR 3 FL Local off 410
0702 WTVK 46 FL 841
0728 WACX 55 FL 749
0735 WTEV 47 FL 728
0825 WGNX 46 GA 551
WATL 36 GA 551

1425 WCOV 20 AL 436
Tampa still in

1545 XHMOY 22 NL XEQ-9 611
1550 XHCNL 34 NL 342-4260 611

May 24 1998 tr

Many of same stations as previous days
0040 WTTA 38 FL 740
0048 WTVT 13 FL 743

Fighting WLXO-13
0148 WFIA 8 FL 743

Fighting KNOE and WVUE

Super trop is over by 10 PM CDT May 23.

May 26 1998 Es
1515 XHFM 2 VER 950
1615 WPBT 2 FL 939
1705 XHG 4 JAL 1003

May 27 1998 Es UTC
0020 Cuba 2

0035 CBFT 2 PQ Hockey in French
unIDs 2, 4, 5 Canada

June 1998 UTC heading
0136 WGRZ 2 NY 1091
0235 WMAR 2 MD 1072
New angled-bottom 2

0300 KDKA 2 PA 945

Western TV DX

D. Oglethorpe

0325 WTAE 4 PA 945
0335 WIVB 4 NY 1091
1328 WUND 2 NC 1031
1410 KTWO 2 WY 996
1413 KWGN 2 CO 806
1440 WPBT 2 FL 939
1455 KASA 2 NM 753
1515 KNAZ 2 AZ 1045
1559 WCBD 2 SC 805
1600 WESH 2 FL 789
1608 WSB 2 GA 551

unIDs US and Mexico

May 28 1998 Es UTC

1705 XHTV 4 DF 958
1728 XHAGU 2 AGS 896
1815 XHCH 2 CHIH 778

Local ads/promos

1828 XHIT 4 CHIH 778

Supered ID top

1833 XHFI 5 CHIH XEW

1940 KDBC 4 TX 746

XHGV 4 VER Telever 900

2015 unID 5 Mexico SE; 5 logo

unIDs 2, 4, 5 Mexico

2120 WPTV 5 FL 912

WCSC 5 SC 805

2130 WUNC 4 NC /WUND 2 875

2132 WBTV 3 NC Floating 768

WCIV 4 SC 805

2138 WRAL 5 NC 896

2201 WFMY 2 NC 838

2210 WJBK 2 MI 904

2215 WBAY 2 WI 892

WTTG 5 DC 1042

2220 WWAY 3 NC Floating 924

2225 WDIV 4 MI 904

WDTN 2 OH 735

2226 WNEM 5 MI 943

2229 WRC 4 DC DC Nx 1042

2245 WTAE 4 PA 945

ID supered o/ABC Nx

2250 WTVR 6 VA 988

Over KTAL; ID 2300

Channels 2,4,5 too packed to work

2335 KTVQ 2 MT 1215

0010 KSTP 5 MN 869

0146 KGAN 2 IA 672

0233 WBKP 5 MI "5/28" ID 1063

0250 KUSD 2 SD SDPTV 738

0301 KPRY 4 SD KSFY 900

June 9 1998 Es UTC

0030 KGWN 5 WY CBS5 1071

KCWC 4 WY 1071

0135 WTVJ 6 FL Floating 939

0157 KTVX 4 UT 1160

KUTV 2 UT 1160

0215 KVOA 4 AZ 1004

KNAZ 2 AZ 1045

KPHO 5 AZ 1065

0233 XEFB 2 NL 611

0312 KNME 5 NM 764

2140 CHFD 4 ON TBT4&6 1130

2145 CKPR 2 ON TBT2&5 1130

2325 WBBM 2 IL 737

May 30 1998 Es UTC

0240 KCBS 2 CA 1420

1845 KOB 4 NM 764

May 31 1998 Es UTC

1915 WMAR 2 MD 1072

June 1 1998 Es UTC

D. Oglethorpe

1720 KXMA 2 ND 1110

1800 KTWO 2 WY 996

1815 WJBK 2 MI 904

1830 KBCI 2 ID New State 1447

1928 unID 3 PBS

unID 3 CBS

CITO 3 ON

Ads, News Promo

1950 WBBM 2 IL 737

WTOM 4 MI 7&4 1042

1957 KID Big ID taped 1256

2020 KBCI 2 ID back

2030 WFSB 3 CT New State 1330

2053 WWAY 3 NC 924

2058 WPSX 3 PA 1037

2100 CKPR 2 ON TBT 1130

2110 WSTM 3 NY 1212

2112 WRC 4 DC 1042

WMAR 2 MD 1072

VHF packed with area stations

1440 KWGN 2 CO 806

1745 KXMA 2 ND 1110

1759 CKCK 2 SK 1367

KWSE 4 ND Prairie 1206

1829 KIVV 5 SD FOX7 987

KHMT 4 MT 1184

1840 CBKT1 4 SK CBC Sask 1385

KGFE 2 ND 1086

1930 CKND2 2 MB Note #1 1279

KFYR 5 ND 1063

2000 KTVQ 2 MT 1215

2013 KTWO 2 WY 996

2113 KASA 2 NM 753

2145 KWGN 2 CO 806

2355 KNOP 2 NE 717

June 14 1998 Es UTC

0008 KPRY 4 SD KSFY 900

0035 KXJB 4 ND 1028

June 14 1998 Es UTC

010 WPTV 28, 50 743

0115 WPAN 53 FL 444

WFSG 56 FL 502

W47BP1 47 MS Not WNTZ-48

June 14 1998 Es UTC

1510 WESH 2 FL 789

1610 WCBD 2 SC 805

1625 WUND 2 NC UNC 1031

1640 KWGN 2 CO 806

1735 WMAR 2 MD 1072

1745 WRC 4 DC 1042

WUNC 4 NC /WUND-2 875

1750 WTTG 5 DC 875

1815 WTAE 4 PA 945

1830 WJBK 2 MI 904

Had to leave

1945 KGFE 2 ND 1086

2005 CKND2 2 MB 1279

2015 KXJB 4 ND 1028

2015 CKYB 4 MB 1247

Local ads and calls

2116 WYFF 4 SC ID in bar 676

KDKA 2 PA 945

2210 WTVH 5 NY 1212

Western TV DX

1720 KXMA 2 ND 1110

1800 KTWO 2 WY 996

1815 WJBK 2 MI 904

1830 KBCI 2 ID New State 1447

1928 unID 3 PBS

unID 3 CBS

CITO 3 ON

1240 WCBS 2 NY 1238

WGRZ 2 NY 1091

2147 CBFT 2 PQ SRC 1414

WDTV 5 WV 876

2207 KDKA 2 PA 945

2240 unID 5 CBC

2242 WJBK 2 MI 904

2250 unID 4 CBC

2304 WDIV 4 MI 904

2318 WBBM 2 IL 737

CHBX 2 ON Local ads 1098

2323 WBAY 2 WI 892

2329 WTOM 4 MI 7&4 1042

June 13 1998 Es & tr

0030 CJIC 5 ON Local ads 1098

0330 WMAR 2 MD 1072

unID Es to NW until 0145 CDT

0750 tropo Valley 7, 9, 17

VHF packed with area stations

1440 KWGN 2 CO 806

1745 KXMA 2 ND 1110

1759 CKCK 2 SK

Western TV DX D. Oglethorpe

WIVB	4 NY	1091	
2213	WDTN	2 OH	735
2218	CBLT	5 ON	
2220	WEWS	5 OH New Logo	917
	WDIV	4 MI	904
2222	WRAL	5 NC	896
2222	WJBK	2 MI	904
2223	unID	5 WLWT or WMAQ	
	WTTV	4 IN ID in bar	619
2250	WNEM	5 MI	943
2252	WBAY	2 WI	892
2258	KSTP	5 MN	869
June 15	KXMA	2 ND	1110
	KXJB	4 ND	1028

Note #1:
CKND MB has discontinued using call letters. Local news and everything else is called Global.
 Reminds me of the Sault Ste Marie operations of MCTV (channels 2 and 5) and the CIII/Global stations in Ontario.

John Ebeling, 9209 Vincent Ave
 S Bloomington, MN 55431

Not too much TV DX to report from the northland. This has not been a good year. Did not have anything to report from my two week stint in Barbados earlier this year.

Here is a re-cap of TV reception noted up here at the cabin in Alborn (MN). Have spent quite a bit of time here, with the TV set to channel 2 most of every day. Poor results. From Alborn MN.

May 1998 CDT

26Es 2000 weak ch 2

27Es 0740 WCBD 2 SC

0827 WSB 2 GA

28Es 1800 ch. 2-5 AZ TX NM

1808 KCBC 4 TX

1809 unID 5 TX

TX flag &5 in lower left corner of pix

1810 AZ, NM to FM for 3 hr

31Es 1730 WCBD 2 SC

1737 WSB 2 GA

1800 WDIQ 2 AL

June 1998 CDT

12Es 1700 WSJK 2 TN

13Es 0900 unID 2

1230 WBRZ 2 LA

1257 KACV 2 TX

1259 KOB 4 NM

1300 KFBF 2 MT

14Es 1400 KDTN 2 TX

weak Es, went to FM

1600 KMID 2 TX

22Es 0900 WKTV 2 NY weak

28Es 0910 unID 2 Spanish

0930 KACV 2 TX

WCBD	2 SC	Es
ch 2-6 & FM to NC, SC, FL, GA		
1015 WCBD	2 SC	weak
29Es 0855 WCBI	4 MS	
0900 WMAB	2 MS	
0936 KTVI	2 MO short	
1530 WCBD	2 SC	
1600 CFAC2	2 Calgary	
2/7 (whatever their calls are now)		
1600 WCBD	2 SC	
1700 KXLY	4 WA	
CFAC	2 Calgary	

Pat Dyer, WASIYX, 5315
 SilverTip Drive, San Antonio, TX
 78228-2744

Equipment: 1987 Emerson 872
 VCR as tuner into 1994 Keepsafe
 9" b&w CCTV monitor; 1973
 Archer V-100 antenna and 8-bay
 bow-tie UHF array at 20' with
 rotor

May 28 1998 Es CST
 1703 KDLH- May 3 MN Duluth 1246

May 31 1998 Es

2059 WSJK- 2 TN Sneedville 1012

June 2 1998 Es

1100 KGAN 2 IA Cedar Rapids 962

June 11 1998 Es

2017 WJBK 2 MI Detroit 1240

June 12 1998

Es 1859 WMAB 2 MS State Colleg 618

tr 2125 K21DZ 21 TX San Antonio 24

tr 2200 KPLC- 7 LA Lake Charles 341

tr 2345 WNOL 38 LA New Orleans 520

June 13 1998

Es 1700 KTCA- 2 MN Minneapolis 1118

Es 1729 KIMT 3 IA Mason City 1012

Es 1759 KGAN 2 IA Cedar Rapids 962

Es 1759 WDTN 2 OH Dayton 1078

tr 2301 KATC 3 LA Lafayette 375

tr 2320 WNOL 38 LA New Orleans 520

tr 2323 WGNO 26 LA New Orleans 520

tr 2357 WLBP 27 LA Baton Rouge 447

June 14 1998

tr 0003 WAPT 16 MS Jackson 529

tr 0357 KLTL 18 LA Lake Charles 341

tr 0359 KLAX 31 LA Alexandria 388

tr 0411 WJTC 44 FL Pensacola 665

tr 0826 WCBD 2 SC Charleston 1141

Es 0830 WSJK- 2 TN Sneedville 1012

Es 0830 WWAY 3 NC Wilmington 1239

Es 1515 WSAZ 3 WV Huntington 1124

Es 1644 WBBM- 2 IL Chicago 1055

Es 1854 WDIV 4 MI Detroit 1241

Es 2017 WJBK 2 MI Detroit 1240

tr 2154 WAWS 30 FL Jacksonville 1021

tr 2154 WLAE 32 LA New Orleans 520

tr 2154 WTEV 47 FL Jacksonville 1021

June 16 1998 tropo

1141 K25ES	25 TX	San Antonio	16
2239 WNOL	38 LA	New Orleans	520
2240 WLAE	32 LA	New Orleans	520
2309 WVLA	33 LA	Baton Rouge	442
2315 KPLC-	7 LA	Lake Charles	341
2329 WMAH	19 MS	Biloxi	583
June 17 1998			

tr 0006 WVLA	33 LA	Baton Rouge	442
tr 0010 WNOL	38 LA	New Orleans	520
tr 0030 WEIQ	42 AL	Mobile	645
tr 0056 KLFY	10 LA	Lafayette	397
tr 0056 KLAX	31 LA	Alexandria	388
tr 0059 WJTC	44 FL	Pensacola	665
tr 0130 WMAH	19 MS	Biloxi	583
Es 1257 WBTV	3 NC	Charlotte	1092
Es 1258 WFMY	2 NC	Greensboro	1175
Es 1306 WSJK	2 TN	Sneedville	1012
Es 1400 WTWO	2 IN	Terre Haute	928
June 18 1998 Es			

1716 WSIL	3 IL	Harrisburg	793
June 19 1998 Es			
1756 KUSD-	2 SD	Vermillion	944
1757 KDLO-	3 SD	Garden City	1072
June 20 1998 tropo			

0059 WNOL	38 LA	New Orleans	520
2301 WGNO	26 LA	New Orleans	520
June 21 1998 Es			
1000 WDTN	2 OH	Dayton	1078
June 22 1998 Es			

1003 KGAN	2 IA	Cedar Rapids	962
1044 WAVE-	3 KY	Louisville	976
1100 WDTN	2 OH	Dayton	1078
1110 WSIL	3 IL	Harrisburg	793
1256 KUSD-	2 SD	Vermillion	944
1259 KDLO-	3 SD	Garden City	1072
June 25 1998 Es			

0817 WTWO	2 IN	Terre Haute	928
0855 WAVE-	3 KY	Louisville	976
0859 WSJK-	2 TN	Sneedville	1012
0925 WSIL	3 IL	Harrisburg	793
June 27 1998 Es			

0856 WEDU	3 FL	Tampa	996
1005 WESH	2 FL	Daytona Beach	1042
1158 WBTV	3 NC	Charlotte	1092
1402 WKMG	6 FL	Orlando	1058
1500 WSAV-	3 GA	Savannah	1041
1625 WWAY	3 NC	Wilmington	1239
1659 KGAN	2 IA	Cedar Rapids	962
1859 WSJK-	2 TN	Sneedville	1012
June 28 1998 Es			

0731 WESH	2 FL	Daytona Beach	1042
0859 WAVE-	3 KY	Louisville	976
0859 WDTN	2 OH	Dayton	1078
1629 KGAN	2 IA	Cedar Rapids	962
1859 KDLO-	3 SD	Garden City	1072
1959 KBME	3 ND	Bismarck	1189
2233 WISC-	3 WI	Madison	1065
June 29 1998 Es			

0333 KTVQ	3 MO	Kirkville	839
0359 KGAN	2 IA	Cedar Rapids	962
0409 WISC-	3 WI	Madison	1065
0424 WTWO	2 IN	Terre Haute	928
June 16 1998 tropo			

Western TV DX Pat Dyer

0430 KYTV	3 MO	Springfield	624
0635 KDLO-	3 SD	Garden City	1072
0656 KTVQ	2 MT	Billings	1247
0700 KOTA-	3 SD	Rapid City	1047
1425 WTVV	4 IN	Bloomington	986
1429 WCIA	3 IL	Champaign	932
1510 WLNS	6 MI	Lansing	1207
1659 WBAY-	2 WI	Green Bay	1184
June 30 1998 Es			

The wee-hour Es of June 29 is something that occurs usually only once every couple of years around here. The 1000+ mi tropo into mid-June is also something of a rarity. The proliferation of local LPTV's is fast becoming a bit of a problem though most DX so far buries them. K21DZ features Tejano music and K25ES apparently runs from the satellite feed for the Ch 10 in Del Rio.

73, Pat - WASIYX

Frank Aden, N7SOK, 4096
 Marcia Place, Boise, ID 83704
 July 5: Es skip in up to ch. 5.
 Suspect KENW ch. 3 NM as of 7 PM MDT. Had checked at 5:30 PM and had nothing!
 July 9: CCI on ch. 2 as of 7 PM MDT. Nothing yet on ch. 3.

Jeff Kadet, K1MOD/9, Box 20,
 Macomb, IL 61455 (390)833-1809
 JKadet@macomb.com

June 23: 0856, Getting a Canadian
 from the NE on ch. 2 IDing as
 "ATV". Think this is CKCW in
 Moncton, NB.

Eric Bueneman, N0UIH, 631
 Coachway Lane, Hazelwood, MO
 63042-1347 (314)839-9751
 (prepaid only) Eric@aol.com

Equipment:
 Alaron 12-inch (30 cm) black and white TV, Archer VU-110 with Archerototor at 33 feet (10 meters) above ground level. All times CDT, all distances in miles & km. Letter deleted for lack of space.)

June 19 1998: tropo CDT
 2207 WZTV 17 TN Nashville Fox 17 270

June 20 1998: tropo

0011 WEHT 25 IN Evansville ABC 165

0012 WFIE 14 IN Evansville NBC 165

0013 WEVV 44 IN Evansville CBS 165

0014 WTVW 7 IN Evansville FOX 165

0015 WBKO 13 KY Bowling Green 220

0017 WLCN 19 KY Madisonville 190

Cleanly separated from KDNL-30



Magnum Dynalab for over ten years has specialized in designing and manufacturing truly ANALOG FM tuners and accessories. Our true ANALOG design allows you the customer infinite tuning across the FM band, this gives you the ultimate in listening pleasure regardless of the FM conditions.

We as a company strive to give the customer the ultimate in FM performance for the dollar. All our products benefit from our own ANALOG four or five stage tunable R.F. front end, the most critical area of a tuner design; it is in this area that we outperform other people in the business.

The culmination of these years of R/D is the MD 108 HYBRID FM tuner, which was awarded ANALOG SOURCE of the year from Stereophile magazine.

MD 108 Hybrid Analog Tuner

In a world given to compromise, Magnum Dynalab has conceded nothing in its approach to building their flagship tuner, the MD 108. Known for manufacturing FM Tuners of unparalleled quality, famous for their balance of Sensitivity, Selectivity and Sonic performance, it was only a matter of time before Magnum Dynalab achieved the pinnacle of FM Tuner performance. Manfred Breunig, designer of Magnum Dynalab products, is confident the MD 108 is that achievement.

Designed and constructed with the music lover in mind, the MD 108 is a hybrid tuner utilizing a truly new ANALOG R.F. section with precise MAGIC EYE tube tuning and a separate audio stage developed to exacting standards, utilizing two 12 AX 7 tubes in the audio switching stage.

ADVANCED R.F. FEATURES

- Quad MATRIX EYE Tube Tuning
- Five Stage Front End
- Three Ultra-Sensitive Bandwidth Settings
- Two Antenna Inputs
- Low Noise Dual gate MOSFETS
- Hand Matched Resonators

A precision tuning pot ensure optimum resolution from the five stage varactor front end. With three ultra-sensitive bandwidth setting and enhanced selectivity, you are ensured the best possible signal from any of the four antenna inputs (two analog, two digital), each selected from the front panel. An exclusive muting circuit eliminates unwanted inter-station noise. To verify performance, the MD 108 employs two accurately calibrated tant band analog meters to indicate multipath and signal strength. In unison with these meters, a unique quad MATRIX EYE tube for center tuning means there is little guess work in optimizing FM reception. Low noise dual-gate MOSFET transistors and hand matched resonators mated to double-sided, plated circuit boards provide peak performance. The logic circuit which controls the tuner operation uses C-MOS technology, which has very high noise immunity making external transients of little impact. The logic circuit is controlled by gold plated momentary switches. With the switches always in a uniform position, the MD 108 maintains a clean, aesthetically pleasing appearance.

Not to be outdone by the specially designed front end, a separate CLASS A audio stage was designed. Using components and technology, worthy of the signal being received from the front end, the audio stage, using two 12 AX 7 tubes in the final stage and a discrete amplification system is designed to capture the ambience of the music. The BALANCED circuit using a pair of bi-polar low noise transistors are cross coupled to ensure a precise BALANCED signal to match your other higher performance components. The Magnum Dynalab MD 108 establishes the new benchmark by which all other tuners will be judged.



REVIEW

Magnum Dynalab FM Tuner Model MD108

Don Scott cited the Magnum Dynalab MD 108 as one of the five or six best products for FM reception ever built and our voters agreed overwhelmingly. Sound is stunningly life like, bass is tight and solid, textures are delicately rendered, and the transparency achieved by the best broadcast sources is astonishing. All this is enhanced by the MD 108's absence of birdies and other intrusive noises. Of the nearly 10,000 FM stations and translators in the US, many offer spectacular sound; those lucky enough to live within reception of the best should hear it through the MD 108. It might just amaze them that FM can sound so good.



Reprinted from The Inner Ear Report Volume 8, #3

Magnum Dynalab FM Tuner Model MD108

It has been awhile since we reviewed a tuner, not since Vol. 5, #3, Summer of 1993 when we reviewed Magnum's then top-of-the-line tuner, the Model Etude. We always considered the Etude to be one of the world's best tuners, regardless of price, and that is why in our studio, we use an Etude. Magnum has been in business for thirty-seven years. It wasn't until the mid seventies that the company established itself by specializing in tuners. By 1989, the aforementioned Etude onto the market and quickly became a reference standard component. For the past few years, Manfred Breunig, chief designer and tuner specialist, has been working on a no-holds-barred design with which to make a statement; and the result is what the company calls the Magnum Analog Tuner model MD 108.

Appearance:

Although one word may describe it all, we are obliged to elaborate (the one word being STUNNING). This tuner is somewhat larger than most. It stands 6 inches high, 18 3/4 inches wide and is 15 1/2 inches deep. At first glance one's attention is drawn straight to the centre of the faceplate, since the tuner employs a Magic Eye -- a fine-tuning device popular in the fifties. This Magic Eye glows seductively in the dark (and even in daylight) and gets one right where it counts, namely, in the little old audiophile soul. Under the Eye, 3/4 inch large LEDs allow a clear view of the station frequency. To the left and right of the Eye, a multipass meter and a signal-strength meter take up a good portion of the handsome faceplate. A large antenna input selector switch on the left and a large tuning knob on the right as much as send thrills up a connoisseur's spine. The Antenna selector allows 2 positions for external antennas and 2 positions for cable inputs with small green LEDs above the knob. Above the tuning knob two small green LEDs indicated Mute and Stereo. An array of toggle switches on the bottom of the tuner control the functions of (from left to right) Power, Mute, Stereo/Mono, followed by BW1,2 and 2 (Bandwidth), Blend and Dim (dimmer switch). To say that this component looks impressive, is an understatement.

On the rear of the unit, one finds the various antenna inputs, Balanced outputs (to complement the OCM preamp, no doubt), a pair of unbalanced (RCA) outputs and the AC socket (the unit comes with a detachable AC cord). All told, this tuner is laid out impressively, sporting clean lines and logically arranged function switches. It emanates class and breeding. An aluminum sleeve that can double for a suitcase is included.

Did we leave you with the impression that we like it? Now to what's going on with that impressive chassis.

Technology

Tuner manufacturers strive to get us radio signals and all tuners have a potentiometer in common. Yet, same as with amplifiers which have transformers in common, the sonic differences are as numerous as there are discrepancies, models, manufacturers etc. Breunig (Magnum's head designer) addressed all of the known technical parameters such as sensitivity, spurious response, image rejection, adjacent channel selectivity and frequency response. Two low-noise dual gate FETs were chosen to enable regulation with a clever automatic gain circuitry. The IF section offers three settings for bandwidth. BW1 is for ultra-wide and best frequency response, while the second setting combines excellent frequency response with high channel selectivity. The third setting -- super narrow -- is there for extreme reception conditions. Magnum employs phase linear matching parts, which are hand-selected to assure precise band-pass. An IF integrated circuit provides all meter outputs as well as the keyed AGC that works with the low-noise FETs in the RF section. The tuner's multiplex component was chosen for its high rejection modes and superb sonic quality to continue into special passive lowpass filters which were selected again for their sonic quality. The output section of the tuner is driven with two 12AX7 vacuum tubes made by Svetlana. The signal path from the RF section to the audio section is wired with Kimber Solid Silver wire but separated by an aluminum shield. A New Metal shielded transformer is employed for the audio section. Six regulators supply the various sections in the RF stage, filtering out the noise in the signal path. The tuning potentiometer is a precision unit coupled to a large tuning knob via a gold plated flywheel and clutch assembly. A hand tooled tuning shaft is there as well. The two meters are taut band precision instruments for absolute accuracy. The front-panel controls for the circuits are gold-plated momentary switches. There is more information on the audio section, but it didn't arrive in time for this evaluation. Basically, this is a hybrid full analog tuner with the only digital section being the readout (channel display) section.

To say that this tuner is a no-holds-barred design is almost an understatement. However, the workmanship and the careful selection of components is audible as we get to what's important ...

The Sound:

All we can say is that we are sorry that the audio dictionary doesn't have enough of a vocabulary to express what this device can and will do. However, we'll give it the proverbial shot:

Imagine a tuner that, when played, sounds as good as a CD player. Imagine also, that the tuner can bring in fringe stations which most of our local audiophiles don't even know exist. To top off these features, imagine the finest, most detailed amplifier you have ever listened to—and you get close to that experience when you listen to this tuner.

All of the visitor to our studio practically stopped in their tracks to take a look at the MD 108; and without exception, they wanted to get their hands on it and feel it. Everyone wanted to listen to the Magnum; and everyone remarked that the sound quality was superb. Phrases such as mean, exceptional, great, amazing, and some more we can't remember came out of the mouths of every single person that had a chance to listen to this tuner.

Synopsis & Commentary:

As we said at the beginning of this report, it has been a while since we reviewed a tuner and it has been even longer since we came across a tuner of this calibre. Our editor claims that the last exciting tuner he came across had also been a Magnum, the model Etude. Before the Magnum, the only tuner kicking his fancy had been the now discontinued McIntosh MR-80.

It's relatively easy to get a tuner which brings in your local stations; and if one uses a radio to listen to the news and weather reports, the quality matters little. If, however, music is the priority—and we don't mean elevator-type background information—a tuner must perform just as good as any other component in the audio system. Our regular First Reflections columnists Ron Sanders, uses his tuner to listen seriously to classical music. He has had every serious and expensive tuner in his house and finally settled on a vintage Marantz 10 B which went through a thorough tuneup and tweak-up before he settled down and enjoyed the music. Prior to the Marantz, he owned a Magnum, auditioned an expensive Sequerra, played around with antennas and did many other foolish (not to him) things. All that, so he could listen to a difficult-to-get station here in Toronto, namely WNED, the commercial-free public radio station from Buffalo, N.Y.

The Magnum 108 isn't made for the casual listener, to be sure; it has been built to complement a high-end, highly resolving audio system, regardless of brand name, regardless of solid state versus vacuum tube preferences and, of course, not at all regarding cost. Not many audio enthusiasts can spare the sort of cash required to get this quality of FM programming, but those who can afford this tuner, are buying the best, maybe even a collector's item.

SPECIFICATIONS

Usable Sensitivity-Mono	0.7 uV	9.0 dBf
50 dB quieting-Mono	2.0 uV	9.9 dBf
50 dB quieting-Stereo	2.3 uV	20.0 dBf
Capture Ratio		1.5 dB
Image Rejection		125.0 dB
Signal to Noise Ratio		80.0 dB
Alternate Channel Attenuation - WIDE		46.0 dB
Alternate Channel Attenuation - NARROW		60.0 dB
Alternate Channel Attenuation - SUPER NARROW		80.0 dB
Adjacent Channel Attenuation - WIDE		3.0 dB
Adjacent Channel Attenuation - SUPER NARROW		48.0 dB
THD - Mono		0.10%
THD - Stereo		0.10%
Stereo Separation		50.0 dB
AM suppression		70.0 dB
SCA rejection		80.0 dB
I.F. Rejection		125.0 dB
19 KHz and 38 KHz component rejection		75.0 dB
Audio frequency response (-/- 1dB)		15 Hz - 17 KHz
Balanced Audio Output		2.2 V
Line Audio Output		1.0 V
Line power (must be specified)	120, 220, 230, 240 Vac	
Dimensions (inches HWD)		5 x 19 x 16
Dimensions (cm HWD)		12.8 x 48.3 x 40.7
Weight (lbs/Kg)		40/17.7
Power Consumption (Typ./Max)		50 W / 100



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